Technology Application Center

gemini synoptic photography catalog

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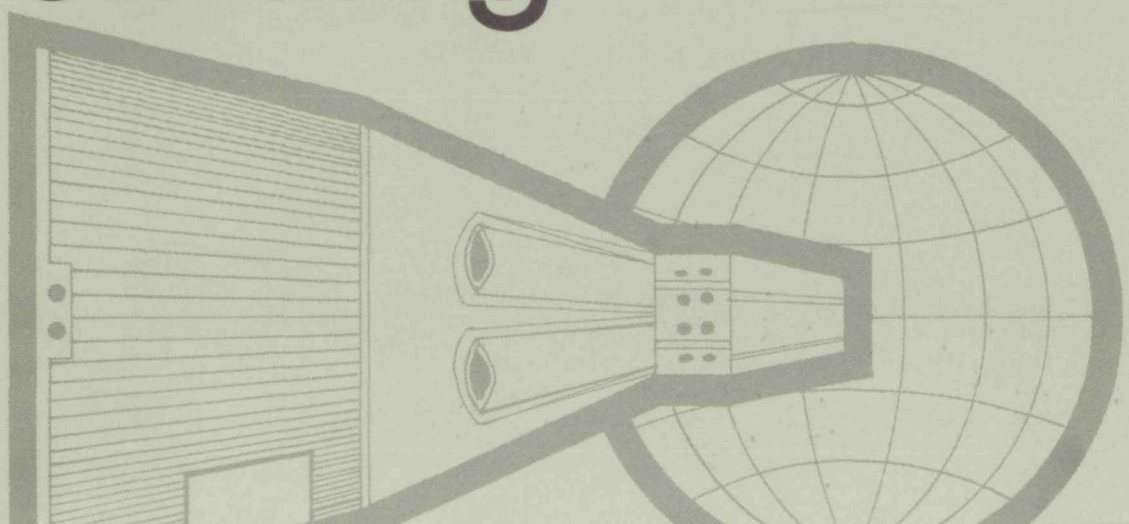

NASA

(NASA-CR-146736) CATALOG OF NASA'S GEMINI PHOTOGRAPHY OF THE EARTH (New Mexico Univ.) 114 p
N76-72868
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A CENTER OF THE INSTITUTE FOR SOCIAL RESEARCH AND DEVELOPMENT

University of New Mexico • Albuquerque • New Mexico

Second Edition—September 1971

CATALOG
OF
NASA'S
GEMINI PHOTOGRAPHY
OF THE EARTH

MADE AVAILABLE
THROUGH THE
TECHNOLOGY APPLICATION CENTER (TAC)

TAC is a non-profit center operating with NASA to transfer aerospace technology.

As an integral part of this technology transfer program, TAC is pleased to offer high quality copies of NASA's hyperaltitude photography of the earth.

While the spectrum of useful purposes to which this new type of synoptic photography has already been put is impressive, new uses are continuing to be developed by operators and researchers all over the world.

You are invited to consider its potential for use in your own field of endeavor, whether your interests encompass the earth's natural resources, man's modification on the earth, or simply an esthetic appreciation of synoptic overviews never before available.

INTRODUCTION

This Gemini catalog indexes 1,464 photographs taken of the earth on Gemini flights 3 through 12. For convenience of identification, these photographs have been numbered in the following manner: (Gemini flight number)--(Camera magazine designator)--(Photo number); for example: 3-1-1 or 9-C-4.

To aid in photograph selection, page 1 contains a series of quality factors and their symbols. All of the photographs selected and indexed have some varying potential for use. Those photographs which were completely unsuitable have not been included in the catalog.

Photo quality indicated is a subjective evaluation, made by the Technology Application Center staff to indicate the relative quality of each photo for viewing. Exposure, color contrast and resolution were factors of prime concern in the judgements made. However, this evaluation does not necessarily indicate the suitability of individual frames for any particular discipline or other use.

Maps attached to the Gemini catalog are to help locate each of the photographs geographically. Several GEMINI flights are covered on each map page--and the appropriate magazine photograph numbers are assigned to respective outlines of photo coverage. In addition to coverage, the shape of each outline is indicative of the mode of viewing; the more square the outline, the more vertical the photo, while an open ended outline indicates

an oblique camera mode. Each number assigned to a photo outlined on the map can be referred to in the index to obtain a quality evaluation and other descriptive information.

It should be noted that space photographs vary in scale and ground coverage relative to a number of parameters, such as satellite altitude, camera-lens combination, and viewing angle or mode. A typical vertical photograph taken at 150 miles in altitude will cover approximately 10,000 square miles and have a scale of 1:750,000 or greater. Such a synoptic overview, covering 100 miles by 100 miles or greater, has previously only been available through photographic composites or mozaics.

EXPLANATION OF PHOTOGRAPH EVALUATIONS

PICTURE QUALITY

G—good

F—fair

P—poor

CLOUD COVER

H—heavy

M—medium

L—light

O—none

VIEWING MODE

(contained in each written photo description)

Nearly vertical	-	perpendicular to Earth's surface
Low oblique	-	horizon cannot be seen
High oblique	-	horizon can be seen
Very high oblique	-	space consumes a large portion of photograph

NOTE: PLEASE ORDER PHOTOGRAPHS BY FRAME NUMBER (e.g. 5-1-16)

GEMINI III

CAMERA: Hasselblad, Model 500 C (NASA Modified)
LENS: Zeiss Planar, 80mm F.L.; F=2.8

FILM TYPE: Eastman Kodak Ektachrome MS (SO 217)
DATE: March 23, 1965

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
3-1-4	G	L	Mexico, (Sonora-Baja California) in fore, California in back - Low oblique
3-1-5	G	L	Mexico, (Sonora-Baja California) in fore, California-Arizona in back - Low oblique
3-1-6	G	L	Mexico, (Sonora-Baja California) in fore, California-Arizona in back - Low oblique
3-1-7	G	L	Mexico, (Sonora-Baja California) in fore, California-Arizona in back - High oblique

GEMINI IV

CAMERA: Hasselblad Model 500 C (NASA Modified)
LENS: Zeiss Planar, 80mm F.L.; F=2.8

FILM TYPE: Eastman Kodak Ektachrome MS (SO 217)
DATE: June 3-6, 1965

4-6-1	G	0	Northeastern Africa, Sahara Desert (Chad-Libya-Egypt-Sudan area), Plateau D'Erdebe area High oblique
4-6-2	G	0	Nile River, Sudan, Nubian Desert - Low oblique
4-6-3	G	0	Nile River, upper Egypt, Sudan, Wadi Halfa area - Low oblique
4-6-4	G	0	Nile River, upper Egypt, Eastern Desert, Nile River - Low oblique
4-6-5	G	0	Southeast Egypt, Eastern Desert, Nile River - Low oblique
4-6-6	G	0	Southeast Egypt, Red Sea - Low oblique
4-6-7	G	0	Southeast Egypt, Red Sea, Ras Banas - Low oblique
4-6-8	F	0	Saudi Arabia in foreground, looking northeast into Iraq - High oblique
4-6-9	G	L	China, Hunan Province, Hsiang River, Heng Yang City - Nearly vertical

EXPLANATION OF SYMBOLS - PAGE 1

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
4-6-10	G	L	China, Southeast Hunan Province - Nearly vertical
4-7-1	G	0	Nile Delta, Egypt, Suez Canal, Israel, Jordan, Syria, Saudi Arabia, Iraq - High oblique
4-7-3	F	H	Pacific Ocean southwest of Panama - Nearly vertical
4-7-4	G	H	Pacific Ocean southwest of Panama - Low oblique
4-7-5	F	0	Limb - Very high oblique
4-7-11	G	H	Southeast Atlantic Ocean off Congo coast - Very high oblique
4-7-12	G	H	Southeast Atlantic Ocean off Congo coast - Very high oblique
4-7-13	G	L	Florida Keys, Cape Sable, Everglades National Park - Nearly vertical
4-7-14	G	L	Florida Straits, Grand Bahama Bank - Nearly vertical
4-7-15	G	M	Andros Island, Bahamas - Nearly vertical
4-7-16	G	L	Great Exuma Island, Bahamas - Nearly vertical
4-7-17	G	L	Acklins & Crooked Island, Bahamas - Nearly vertical
4-7-18	G	L	Clouds - High oblique
4-7-20	G	L	Clouds - Low oblique
4-7-21	G	M	Pacific Ocean, clouds - High oblique
4-7-22	G	M	Pacific Ocean, clouds - Low oblique
4-7-23	G	H	Pacific Ocean, clouds - High oblique
4-7-24	G	H	Pacific Ocean, clouds - Low oblique
4-7-25	G	M	Pacific Ocean, clouds - High oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
4-7-26	G	H	Pacific Ocean, clouds - High oblique
4-7-27	G	H	Pacific Ocean, clouds - High oblique
4-7-28	G	H	Pacific Ocean, clouds - Low oblique
4-7-29	G	H	Pacific Ocean, clouds - Low oblique
4-7-30	G	M	Pacific Ocean looking northeast to coast of Mexico (Jalisco-Colima) - Very high oblique
4-7-31	G	M	Pacific Ocean looking northeast to coast of Mexico (Manzanillo to Acapulco) - Very high oblique
4-7-32	G	M	Pacific Ocean looking northeast to coast of Central America & Mexico - Very high oblique
4-7-33	G	H	Pacific Ocean east of Hawaii - Very high oblique
4-7-34	G	M	Pacific Ocean southeast of Hawaii - Very high oblique
4-7-35	G	M	Pacific Ocean southeast of Hawaii - Very high oblique
4-7-36	G	H	Pacific Ocean southeast of Hawaii - High oblique
4-7-37	G	H	Pacific Ocean southeast of Hawaii - Low oblique
4-7-38	G	H	Pacific Ocean southeast of Hawaii - Nearly vertical
4-7-39	G	H	Pacific Ocean southeast of Hawaii - Low oblique
4-7-40	G	H	Pacific Ocean off Mexico, storm "Victoria" - Nearly vertical
4-7-41	G	H	Pacific Ocean off Mexico, storm "Victoria" - Low oblique
4-7-42	G	H	Pacific Ocean west of Galapagos Islands - Very high oblique
4-7-43	F	H	Pacific Ocean west of Galapagos Islands - Very high oblique
4-7-44	G	H	Pacific Ocean west of Galapagos Islands - Very high oblique

EXPLANATION OF SYMBOLS - PAGE 1

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
4-7-46	G	H	Clouds - Low oblique
4-7-47	G	M	Clouds - High oblique
4-7-48	G	H	Himalaya Mountains, Tibet, Burma, & India - Low oblique
4-7-49	G	H	Typhoon "Carla" off Japan - Very high oblique
4-7-50	G	M	Pacific Ocean east of Wake Island - High oblique
4-7-51	G	M	Pacific Ocean east of Wake Island - High oblique
4-7-52	G	H	Pacific Ocean east of Wake Island - High oblique
4-7-53	G	H	Pacific Ocean east of Wake Island - High oblique
4-7-54	G	0	Southwest Saudi Arabia, Yemen, Aden Protectorate - Nearly vertical
4-7-55	G	0	Southwest Saudi Arabia, Aden Protectorate, Seif Dunes - Nearly vertical
4-7-56	G	L	Southwest Saudi Arabia, Aden Protectorate, Seif Dunes - Low oblique
4-8-1	G	0	Northern Baja California, Mexico, Todos Santos Bay - Nearly vertical
4-8-2	G	0	Northern Baja California, Colorado River Valley and mouth - Nearly vertical
4-8-3	G	0	Baja California, mouth of Colorado River, Sonora Desert - Nearly vertical
4-8-4	G	0	Sonora Desert, mouth of Colorado River - Nearly vertical
4-8-5	G	0	Cerro Pinacate Volcanic Range in Sonora, Pipe Organ Cactus National Monument - Nearly vertical
4-8-6	G	0	Cerro Pinacate Volcanic Range in Sonora, Pipe Organ Cactus National Monument - Nearly vertical
4-8-7	G	0	Sonora, Mexico and Arizona and vicinity - Low oblique
4-8-8	G	0	Kitt Peak Observatory, Arizona and vicinity - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
4-8-9	G	0	Kitt Peak, Tucson, Arizona area - Low oblique
4-8-10	G	0	Tucson, Nogalis, Arizona area - Low oblique
4-8-11	G	0	Tombstone-Bisbee, Arizona area - Low oblique
4-8-12	G	0	Willcox Dry Lake, Douglas, Arizona, Agua Prieta, Sonora area - Low oblique
4-8-13	G	0	Willcox Dry Lake, Chiracahua Mountains, Arizona, New Mexico, Sonora area - Low oblique
4-8-14	G	0	Chiracahua Mountains area, Arizona, New Mexico, USA, Sonora-Chihuahua - Low oblique
4-8-15	G	0	Playas Lake area, New Mexico, Chihuahua - Low oblique
4-8-16	G	0	Southwestern New Mexico, Northern Chihuahua - Low oblique
4-8-17	G	0	Southwestern New Mexico, Northern Chihuahua - Low oblique
4-8-18	G	0	Southwestern New Mexico, Northern Chihuahua - Low oblique
4-8-19	G	0	Southwestern New Mexico, Northern Chihuahua - Low oblique
4-8-20	G	0	South New Mexico, Texas, Chihuahua - Low oblique
4-8-21	G	0	South New Mexico, El Paso, Texas, Chihuahua - Low oblique
4-8-22	G	0	South New Mexico, El Paso, Texas, Chihuahua - Low oblique
4-8-23	G	0	South New Mexico, El Paso, Texas, Chihuahua - Low oblique
4-8-24	G	0	South New Mexico, El Paso, Texas, Chihuahua - Low oblique
4-8-25	G	0	Texas, Rio Grande and Pecos River Valley, Chihuahua - Low oblique
4-8-26	G	0	Texas, Rio Grande and Pecos River Valley, Chihuahua - Low oblique
4-8-27	G	0	Texas, Rio Grande and Pecos River Valley, Chihuahua - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
4-8-28	G	0	Texas, Rio Grande and Pecos River Valley, Chihuahua - Low oblique
4-8-29	G	0	Texas, Pecos River Valley - Low oblique
4-8-30	G	0	Texas, Pecos River Valley - Low oblique
4-8-31	G	0	West Texas gas fields - Low oblique
4-8-32	G	0	Texas, Midland-Odessa area - Low oblique
4-8-33	G	0	Texas, Midland-Odessa area - Low oblique
4-8-34	G	0	Texas, Midland-Odessa area - Low oblique
4-8-35	G	0	Texas, Midland-Odessa area - Low oblique
4-8-36	G	0	Texas, Big Spring, Concho River Valley - Nearly vertical
4-8-37	G	0	Texas, San Angelo, Big Spring area - Nearly vertical
4-8-38	G	0	Texas, San Angelo, Sweetwater area - Nearly vertical
4-8-39	G	L	Texas, San Angelo, Abilene area - Nearly vertical
4-8-40	G	H	West Florida, South Alabama area - Nearly vertical
4-8-41	G	H	West Florida, South Alabama, Eglin AFB area - Nearly vertical
4-8-42	G	H	West Florida - Nearly vertical
4-8-43	P	H	West Florida, Gulf of Mexico - Nearly vertical
4-8-44	G	H	Northeast Florida, Jacksonville-San Augustine - Low oblique
4-8-45	G	M	Central Florida, J.F. Kennedy S.F.C., lower left - High oblique
4-8-46	G	M	Central Florida, J.F. Kennedy S.F.C., lower left - High oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
4-8-47	G	M	Central Florida, J.F. Kennedy S.F.C., lower left - High oblique
4-8-48	G	H	North Florida, looking west along Gulf coast - Very high oblique
4-8-49	G	H	North Florida, looking west along Gulf coast - Very high oblique
4-8-50	G	H	South Florida, Bahamas, Cuba - Very high oblique
4-8-51	G	H	North Florida Gulf Coast - Very high oblique
4-8-52	G	H	South tip of Florida, Bahamas, Cuba - Very high oblique
4-8-53	G	H	Bahamas, Cuba - Very high oblique
4-8-54	G	H	Bahamas, Cuba - Very high oblique
4-8-55	G	H	Atlantic Ocean east of Bahamas - Very high oblique
4-9-1	F	0	Kuwait, Iraq, Iran, head of Persian Gulf - High oblique
4-9-5	F	H	Limb - Very high oblique
4-9-6	F	L	Limb - Very high oblique
4-9-7	G	L	Tibet, northeast of Lahsa - Very high oblique
4-9-8	G	M	Clouds - High oblique
4-9-10	F	M	Clouds - High oblique
4-9-12	F	0	Libyan Desert of Chad, Sudan, Libya looking southeast - Very high oblique
4-9-17	F	M	Off west coast of North Africa - Very high oblique
4-9-18	F	M	Off west coast of North Africa - Very high oblique
4-9-19	F	M	Off west coast of North Africa - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
4-9-20	G	0	Morocco, Algeria, Spanish Sahara, Mauritania, Hamada Du Dra area - Low oblique
4-9-21	G	0	Morocco, Algeria, Spanish Sahara, Mauritania, Hamada Du Dra area - Low oblique
4-9-22	G	0	Morocco, Algeria, Spanish Sahara, Mauritania, Hamada Du Dra area - Low oblique
4-9-23	G	0	Western Algeria, Sahara Desert - Nearly vertical
4-9-24	G	0	Western Algeria, Sahara Desert - Nearly vertical
4-9-25	G	0	Central Algeria, Sahara Desert, Grand Erg Occidental - Nearly vertical
4-9-26	F	0	Central Algeria, Grand Erg Occidental - Nearly vertical
4-9-27	F	0	Eastern Algeria, Grand Erg Oriental - Nearly vertical
4-9-28	G	0	Eastern Algeria, Grand Erg Oriental - Nearly vertical
4-9-29	G	0	Eastern Algeria, Grand Erg Oriental - Nearly vertical
4-9-30	G	0	Libya-Hamada De Tinrhert area - Nearly vertical
4-9-31	G	0	Libya-Hamada De Tinrhert area - Nearly vertical
4-9-32	G	L	South Sudan, Equatorial Province - Nearly vertical
4-9-33	G	M	Southeast Sudan, Southern Ethiopia, Kenya, Uganda, Lake Rudolph - High oblique
4-9-34	G	L	Southeast Sudan, Southern Ethiopia, Kenya, Uganda, Lake Rudolph - Low oblique
4-9-35	G	M	Somali coast north of Mogadishu - Nearly vertical
4-9-36	F	H	Clouds - Low oblique
4-9-37	F	H	Clouds - Low oblique
4-9-38	F	M	North Florida, South Georgia - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
4-9-39	F	H	Georgia, South Carolina coast - Low oblique
4-9-40	F	M	Georgia, South Carolina coast - Nearly vertical
4-9-41	F	H	Carolina coast, Cape Lookout, Cape Fear - High oblique
4-9-42	P	O	Richat Structure, Mauritania, overexposed - Nearly vertical
4-9-43	P	O	Richat Structure, Mauritania, overexposed - Nearly vertical
4-16-1	F	H	Eastern Pacific Ocean - Low oblique
4-16-2	F	H	Eastern Pacific Ocean - Low oblique
4-16-3	F	O	Mexico, Sonora-Chihuahua, looking northwest - Low oblique
4-16-4	G	L	Mexico, Sonora-Chihuahua, looking northwest - Low oblique
4-16-21	G	M	Northern Sonora, Southern Arizona - Very high oblique
4-16-23	G	H	Clouds, several layers - Low oblique
4-16-24	F	M	Clouds - Very high oblique
4-16-27	G	H	Clouds - Low oblique
4-16-28	G	H	Typhoon "Carla", southeast of Japan - High oblique
4-16-29	G	H	Typhoon "Carla", southeast of Japan - High oblique
4-16-30	G	H	Typhoon "Carla", southeast of Japan - Very high oblique
4-16-32	G	H	Typhoon "Carla", southeast of Japan - Very high oblique
4-16-33	G	H	Pacific Ocean east of Wake Island - Very high oblique
4-16-34	G	H	Pacific Ocean east of Wake Island - Low oblique

EXPLANATION OF SYMBOLS - PAGE 1

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
4-16-35	G	H	Pacific Ocean east of Wake Island - High oblique
4-16-36	G	H	Pacific Ocean east of Wake Island - Low oblique
4-16-37	G	H	Pacific Ocean southwest of Hawaii - Very high oblique
4-16-38	G	L	Aden Colony, Gulf of Aden, Yemen, Aden Protectorate, Somali in background - Low oblique
4-16-39	G	L	Aden Protectorate, Gulf of Aden, looking south to Somali - High oblique
4-16-40	G	L	Aden Protectorate, Gulf of Aden, in background Wadi Hadramawt - Low oblique
4-16-41	G	L	Aden Protectorate, Gulf of Aden, Ras Asir, Somali in background - High oblique
4-16-42	G	0	Southern Saudi Arabia, Muscat and Oman - Nearly vertical
4-16-43	G	0	Sultanate of Muscat and Oman, Ras Al Hadd - Nearly vertical
4-16-44	F	M	Pacific Ocean southeast of Canton Island - Very high oblique
4-16-45	G	0	Sahara Desert, Western Sudan, North Darfur Province, Libyan Desert - Nearly vertical
4-16-46	G	0	Egypt, Red Sea, Foul Bay, Eastern Desert - Nearly vertical
4-16-47	G	0	Saudi Arabia, lava flows north of Medina, Hejaz area - Nearly vertical
4-16-48	G	0	Central Saudi Arabia looking southeast to Bahrain Island, Qatar Peninsula and Persian Gulf - Very high oblique
4-16-49	G	0	Persian Gulf, Iran coast in foreground, Qatar Peninsula in background - Low oblique
4-16-50	G	0	Nile Delta, Birket Quarum Depression in lower right - Low oblique
4-16-52	G	H	Atlantic Ocean between South America and Africa - Nearly vertical
4-16-53	G	0	Richat Structure, Mauritania - Low oblique

GEMINI V

CAMERA: Hasselblad, Model 500 C (NASA Modified)
LENS: Zeiss Planar, 80mm F.L.; F=2.8
DATE: August 21-28, 1965

FILM TYPE: Eastman Kodak Ektachrome MS (SO 217)
Rolls 1,2 & 3
General Aniline & Film Anscochrome, D-50
Roll 4

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
5-1-1	G	M	Canary Islands, Fueteventura Island, Morocco in background - Low oblique
5-1-2	G	0	Alexandria, Egypt, Nile Delta, Western Desert - Nearly vertical
5-1-3	G	L	Straits of Gibraltar looking northeast, Morocco in foreground, Spain in background - High oblique
5-1-4	G	L	Coast of Libya and Tunisia (left) looking northeast - Low oblique
5-1-5	G	L	Morocco, Ras Rhir, Agadir - Nearly vertical
5-1-6	G	L	Morocco, Ras Rhir, Agadir, looking northwest - Low oblique
5-1-7	G	L	Mexico, Chihuahua, Laguna De Encinillas area - Nearly vertical
5-1-8	G	L	Mexico, Chihuahua, Laguna De Encinillas area - Nearly vertical
5-1-9	G	L	Mexico, Chihuahua, Laguna De Encinillas area - Low oblique
5-1-10	G	M	Mexico, Chihuahua, west of Presidio, Texas - Low oblique
5-1-11	G	M	Gulf of Mexico coast, Texas-Tamaulipas looking south - High oblique
5-1-12	G	M	Florida looking south - High oblique
5-1-13	G	L	California, Salton Sea, Imperial Valley looking northeast - High oblique
5-1-14	G	0	California, Salton Sea, Imperial Valley looking northeast - Low oblique
5-1-15	G	0	Arizona, Gila River Valley between Phoenix and Yuma looking northeast - Low oblique
5-1-16	G	L	Arizona, Tucson and vicinity - Low oblique

EXPLANATION OF SYMBOLS - PAGE 1

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
5-1-17	G	L	Arizona, New Mexico, Willcox Dry Lake - Low oblique
5-1-18	G	L	Texas, New Mexico, Chihuahua, El Paso, White Sands area - Nearly vertical
5-1-19	G	M	Florida, Cape Kennedy looking south - High oblique
5-1-20	G	M	Florida, Cape Kennedy looking south - High oblique
5-1-21	G	H	Clouds, southeast of Bermuda - Very high oblique
5-1-22	G	M	Florida, Cape Kennedy looking north - High oblique
5-1-23	G	M	Florida, Miami, looking north - Low oblique
5-1-24	G	M	Florida, Miami, looking north - Low oblique
5-1-25	G	M	Bahama Islands, Andros Island - Low oblique
5-1-26	G	L	Great Bahama Bank, Tongue of the Ocean, Great Exuma, Cat and Long Islands - Low oblique
5-1-27	G	L	Bahama Islands, Crooked, Acklins and Long Islands - Low oblique
5-1-28	G	M	Bahama Islands, Grand Turk, Caicos Group - Low oblique
5-1-29	G	L	Mexico, Baja California looking southeast - High oblique
5-1-30	G	0	Mexico, Baja California looking southeast - Low oblique
5-1-31	G	L	Mexico, Campeche, Laguna de Terminos, Gulf of Mexico - Low oblique
5-1-32	G	M	British Honduras, Gulf of Honduras - Nearly vertical
5-1-33	P	H	Clouds over Caribbean Sea - Nearly vertical
5-1-34	G	L	China, mouth of Yangtse River (left), Hang Chow Wan (right), Shanghai (center) - High oblique
5-1-35	G	L	Japan, Honshu Island, Osaka (left), Nagoya (right) looking northwest - Low oblique

EXPLANATION OF SYMBOLS - PAGE 1

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
5-1-36	G	H	Typhoon "Lucy" near Japan - Very high oblique
5-1-37	G	H	Typhoon "Lucy" near Japan - Very high oblique
5-1-38	G	M	Afghanistan, Pakistan - Very high oblique
5-1-39	G	M	Afghanistan, Pakistan - High oblique
5-1-40	G	H	China, Tibet Highlands, looking southeast across Himalayas - Low oblique
5-1-41	G	H	China, Tibet Highlands, looking south across Himalayas - Low oblique
5-1-42	G	H	China, Tibet Highlands looking southwest across Himalayas - Low oblique
5-1-43	G	M	Taiwan looking eastward - Low oblique
5-1-44	G	0	Egypt, Cairo, Nile Delta - Nearly vertical
5-1-45	G	H	Clouds, Gulf of Guinea - Low oblique
5-1-46	G	H	Clouds, Gulf of Guinea - High oblique
5-1-47	G	M	Clouds, Gulf of Guinea - Low oblique
5-1-48	G	L	Texas, between Laredo and Uvalde - Nearly vertical
5-1-49	G	M	Florida, looking north - Very high oblique
5-1-50	G	M	Cuba looking northwest across Camaguey Province - Low oblique
5-1-51	G	M	Cuba looking northwest across Camaguey Province - Low oblique
5-1-52	G	M	Cuba looking northwest across Oriente Province, Guantanamo Bay - Low oblique
5-1-53	G	H	Mexico, Sonora, Gulf of California - High oblique
5-1-54	G	L	Gulf of Mexico, Coast of Texas, Tamaulipas looking north - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
5-1-55	G	H	Tropical storm "Doreen" in Pacific between Hawaii and Mexico - High oblique
5-1-56	G	H	Tropical storm "Doreen" in Pacific between Hawaii and Mexico - Very high oblique
5-1-57	G	H	Coast of Peru, Paracus Peninsula - High oblique
5-1-58	G	L	Bolivia, Peru, Lake Titicaca, Lago Poopo and Salar De Uyuni, Cordillera Real - Nearly vertical
5-1-59	G	L	Bolivia, Peru, Lake Titicaca, Cordillera Real - Nearly vertical
5-1-60	G	L	Bolivia, Peru, Lake Titicaca, Cordillera Real - Low oblique
5-1-61	F	M	Iran, Iraq, looking southwest - Very high oblique
5-1-62	G	H	Clouds over China - Low oblique
5-2-1	G	M	Clouds near Hawaii - Low oblique
5-2-2	G	H	Tropical storm near Marshall Islands - Very high oblique
5-2-3	G	L	Bikini Atoll in Marshall Islands - Nearly vertical
5-2-4	G	L	Rongelap Atoll, Ailinginae Atoll & part of Rongerik Atoll, Marshall Islands - Nearly vertical
5-2-6	G	L	Eastern Himalaya Mountains looking southeast - High oblique
5-2-7	F	H	Storm south of Philippine Islands - Low oblique
5-2-8	G	L	Crete, Rhodes, Turkey in upper right, Aegean Island, Greece upper left - High oblique
5-2-9	G	L	Cyprus, Turkey in background - Very high oblique
5-2-10	G	L	Cyprus lower left, Turkey and Syria in background (right) - Very high oblique
5-2-11	G	M	Australia, Northern Territory, Gulf of Carpentaria - Nearly vertical
5-2-12	G	O	Australia, shore of Gulf of Carpentaria, Queensland - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
5-2-13	G	L	Australia, Queensland, Shoal Water Bay, Cape Manifold - Low oblique
5-2-14	G	L	Australia, Queensland, Keppel Bay, Capricorn Island - Nearly vertical
5-2-15	G	L	Algeria, Morocco, Atlas Mountains, south of Marrakech - Low oblique
5-2-16	G	0	Northern Algeria - Low oblique
5-2-17	G	0	Libya-Tripoli area - Nearly vertical
5-2-18	G	0	Red Sea, coast of Saudi Arabia - Nearly vertical
5-2-19	G	L	Saudi Arabia interior - Nearly vertical
5-2-20	F	L	Saudi Arabia interior - Nearly vertical
5-2-21	G	0	Australia, Northern Territory, McDonnell Range, west of Alice Springs - Low oblique
5-2-22	G	0	Australia, Northern Territory, McDonnell Range, west of Alice Springs - Low oblique
5-2-23	G	0	Sahara Desert, Chad, Sudan - Low oblique
5-2-24	G	M	Tanzania, Lake Tanganyika, looking southwest to Congo, Zambia - Low oblique
5-2-25	G	M	Tanzania, Zambia, Lake Tanganyika looking southeast - High oblique
5-2-26	G	L	Tanzania, Zambia, Malawi, Lake Nyasa looking south - Low oblique
5-2-27	G	M	Mozambique coast looking south - Low oblique
5-2-28	G	M	Malagasy, Madagascar west coast looking northwest - Low oblique
5-2-29	G	H	Clouds southeast of Madagascar - Very high oblique
5-2-30	G	H	Clouds southeast of Madagascar - Low oblique
5-2-31	G	M	Florida, Jacksonville, and northwest thereof into Georgia - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
5-2-32	G	0	Southwest Africa, Cape Cross, north of Walvis Bay - Nearly vertical
5-2-33	G	0	Southwest Africa, Port of Walvis Bay, restricted diamond area - Nearly vertical
5-2-34	G	0	Southwest Africa, Windhoek area - Nearly vertical
5-2-35	G	0	Southwest Africa, Windhoek area - Nearly vertical
5-2-36	G	L	Mexico, Chihuahua, Sonora - Low oblique
5-2-37	G	L	Texas, Laredo-Uvalde area - Nearly vertical
5-2-38	G	M	Texas, Gulf Coast, Corpus Christi - High oblique
5-2-39	G	0	Mexico, Baja California, Gulf of California, La Paz City - Low oblique
5-2-40	G	0	Mexico, Baja California, southern tip - Low oblique
5-2-41	G	M	Central America, Pacific Coast, Honduras, Nicaragua, Gulf of Fonseca - Low oblique
5-2-47	F	L	Angola, Tandave River looking northeast - Low oblique
5-2-48	F	0	Angola, Cuito River looking northeast - Low oblique
5-2-49	F	0	Eastern Angola, Cuando River, Western Zambia looking northeast - Low oblique
5-2-50	G	L	Eastern Angola, Western Zambia looking northeast - High oblique
5-2-51	F	L	Western Zambia, Southern Rhodesia, Eastern Angola looking northeast - High oblique
5-2-52	F	L	Zambia, Southern Rhodesia, Mozambique, Kariba Res. looking northeast - Low oblique
5-2-53	G	L	Kennedy Space Center, Florida - Nearly vertical
5-2-54	G	0	Coast of South and Southwest Africa, Orange River - Low oblique
5-2-55	F	0	South Africa, Kimberley, Bloemfontein, Orange Free State area, dark - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
5-3-3	G	H	Clouds off coast of Baja California - High oblique
5-3-4	G	H	Clouds off coast of Baja California, Isla Cedros - Very high oblique
5-3-5	G	H	Mexico, Baja California, Gulf of California, Sonora, California, Arizona - Very high oblique
5-3-6	F	M	Clouds, New Mexico area - Very high oblique
5-3-7	G	H	Clouds, Gulf Coast area - Very high oblique
5-3-8	G	H	Clouds, Mississippi Delta, Florida area - High oblique
5-3-9	G	M	Florida, looking south - Very high oblique
5-3-10	G	H	Thunderstorms southeast of Bermuda - Nearly vertical
5-3-11	G	M	Clouds southeast of Bermuda - Nearly vertical
5-3-14	G	M	East end of Hispaniola, Dominican Republic, looking southeast - Low oblique
5-3-15	G	M	Clouds over Atlantic east of Lesser Antilles - Low oblique
5-3-16	G	H	Clouds over Atlantic east of Lesser Antilles - Low oblique
5-3-17	G	M	Brazil, French Guiana, Dutch Guiana looking southeast - High oblique
5-3-18	G	H	Brazil, French Guiana looking southeast, Hurricane Betsy in foreground - High oblique
5-3-20	G	H	Clouds near Wake Island, dark - Low oblique
5-3-21	G	H	Clouds near Wake Island - Low oblique
5-3-22	G	H	Clouds near Wake Island - Very high oblique
5-3-23	G	L	Clouds near Wake Island - Nearly vertical
5-3-24	G	L	Clouds, note ship and wake north of Hawaii - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
5-3-25	G	H	Coast of California, San Luis Obispo, south to Ensenada, looking east - High oblique
5-3-26	G	H	Mexico, Baja California, Sierra Vizcaino, Isla Cedros, Guadalupe Island, note clouds - High oblique
5-3-27	G	H	Mexico, Baja California, Guadalupe Island, note clouds - Low oblique
5-3-28	G	M	Mexico, Baja California, Punta Eugenia - High oblique
5-3-29	G	0	Mexico, Gulf of California, Angel De La Guarda Island - Low oblique
5-3-30	G	L	Mexico, Gulf of California, Sonora coast, Tiburon Island - Low oblique
5-3-31	G	L	Mexico, Gulf of California, Sonora coast, Tiburon Island - Low oblique
5-3-32	G	L	Mexico, Baja California, Sonora, California, Arizona - High oblique
5-3-33	G	M	Yucatan, British Honduras, Honduras, Gulf of Honduras - Low oblique
5-3-34	G	M	Honduras, Nicaragua, Caribbean Coast, Cape Gracias A Dios - Low oblique
5-3-36	G	M	North end of Luzon, Philippines looking southwest - Low oblique
5-3-37	G	L	North end of Luzon, Philippines looking southwest - Low oblique
5-3-38	G	H	Himalaya Mountains,Tibet, Nepal, India, Sikkim, Kanchenjunga Range - Low oblique
5-3-39	G	H	Himalaya Mountains, Tibet, Bhutan looking north-northwest - Low oblique
5-3-40	G	H	Tibet, Namtsho Lake in center looking north - High oblique
5-3-41	G	H	Tibet looking north into Tsinghai Province - Very high oblique
5-3-42	G	0	China, Szechwan-Hupeh Province, Yangtse River, Northeast Chungking - Nearly vertical
5-3-43	G	0	China looking north, Huang (Yellow) River near Hsian in background - Low oblique
5-3-44	G	L	Japan, Honshu and Kyushu Islands, Korea in background - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
5-3-45	G	M	Saudi Arabia, Empty Quarter, Sief Dunes - Low oblique
5-3-46	G	L	China, Szechwan Province - Nearly vertical
5-3-47	G	L	China, Szechwan Province - Nearly vertical
5-3-48	G	L	China, Szechwan Province - Nearly vertical
5-3-49	G	0	Iran, east of Shiraz, Persepolis ruins, salt lakes - Low oblique
5-3-50	G	0	Iran, east of Shiraz, Kayir Salt Flats, near Saida Bad - Low oblique
5-3-51	G	0	Iran, eastern section, west side of Dasht-e-Lut Salt Desert, north of Kerman - Nearly vertical
5-3-52	G	0	Iran, Dasht-e-Lut Desert, looking west - Low oblique
5-3-53	G	H	Tibet, clouds - Low oblique
5-3-54	G	L	China, Hunan and Hupeh Provinces, Tunging Hu Lake, Yangtse River - Low oblique
5-3-55	G	0	Saudi Arabia, Jordan, Iraq, Al Hamad area - Low oblique
5-3-56	G	0	Northern Saudi Arabia, An Nafud area - Low oblique
5-3-57	G	0	Afghanistan-Iran frontier area west of Farah, north of Zahedan - Nearly vertical
5-3-58	G	0	Afghanistan, Kajaki Reservoir north of Kandahar - Nearly vertical
5-3-59	G	0	Afghanistan, Kajaki Reservoir north of Kandahar - Low oblique
5-3-60	G	L	China, Kwangtung and Kwangsi Provinces, Gulf of Tonkin, Leiuchou Peninsula - Low oblique
5-3-61	G	H	West coast of Luzon, Lingayan Gulf - Low oblique
5-3-62	G	M	Southeast Luzon - Low oblique
5-3-63	G	L	Southwest Algeria, Erg Chech - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
5-4-1	G	M	India, Gulf of Kutch, city of Jamnagar - Low oblique
5-4-2	G	M	Sumatra, Lingga and Bintan Islands - Low oblique
5-4-3	G	L	Algeria, Mediterranean Sea, Balearic Islands, Spain looking north - High oblique
5-4-4	G	L	Egypt, Nile Delta, Suez Canal, Cairo, Nile River, Faiyum depression - Low oblique
5-4-5	G	L	Egypt, Suez Canal, looking east - Low oblique
5-4-6	G	0	Red Sea, north end of Egypt-Saudi Arabia - Low oblique
5-4-7	F	L	Pensacola-Mobile area - Nearly vertical
5-4-10	P	M	Bolivia, Lake Poopo - Nearly vertical
5-4-11	P	M	Bolivia, Lake Poopo - Nearly vertical
5-4-12	G	H	Clouds - Very high oblique
5-4-13	G	M	Island of Hawaii, looking south - Low oblique
5-4-14	G	M	Hawaiian Islands (Hawaii, Maui, Kahoolawe, Molokai, Oahu, Kauai) - Very high oblique
5-4-15	G	L	Iran, Iraq, looking west into valley of Tigris River - Low oblique
5-4-16	G	M	Northern Afghanistan (note dust storm) - High oblique
5-4-17	G	M	Northern Afghanistan (note dust storm) - Very high oblique
5-4-18	G	0	Afghanistan, Band-i-Amir River - Nearly vertical
5-4-19	G	L	Pakistan south of Rawalpindi between Indus and Jhelum Rivers - Nearly vertical
5-4-20	G	H	Tibet, India, Himalaya Mountains - Nearly vertical
5-4-21	G	M	Tibet southwest of Lhasa, Himalaya Mountains - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	*GEMINI SYNOPTIC PHOTOGRAPHY* LOCATION AND DESCRIPTION
5-4-22	G	L	Tibet southwest of Lhasa, Himalaya Mountains - Nearly vertical
5-4-23	G	L	China, Kwangtung Province, Hong Kong-Macao area - Low oblique
5-4-24	G	0	Egypt, Nile Valley, Western Desert, city of Asyut - Low oblique
5-4-25	G	M	Florida looking southeast - High oblique
5-4-26	G	M	Cuba, Camaguey Province looking southeast to Caribbean Sea - Low oblique
5-4-27	G	M	Bahama Islands, Great Exuma and Long Islands - Low oblique
5-4-28	G	M	Cuba, east tip, Oriente Province, Hispaniola, Jamaica, Great Inagua - Low oblique
5-4-29	G	M	California coastline, Los Angeles south, Salton Sea in background - Low oblique
5-4-30	G	M	Mexico, Yucatan, Gulf of Mexico looking north - High oblique
5-4-31	G	M	Mexico, Yucatan Peninsula, British Honduras looking west - High oblique
5-4-32	F	M	Honduras, Nicaragua, Caribbean coast looking southwest - High oblique
5-4-38	F	M	Japan, Kyushu and Honshu Islands, looking northwest to Korea - High oblique
5-4-39	G	L	Japan, Ise Wan, port of Nagoya, Osaka far left - High oblique
5-4-40	G	L	Japan, Ise Wan, Port of Nagoya, Osaka far left - High oblique
5-4-41	F	H	India, Tibet, Zaskar Range, northeast of Dehra-Dun - Low oblique
5-4-42	F	H	India, Tibet, Nepal, Gurlamandhat Peak (25325') - Low oblique
5-4-43	F	H	Tibet, headwaters of Brahmaputra River - Low oblique
5-4-44	G	H	Tibet, Nepal, looking southwest toward Mt. Everest - Low oblique
5-4-45	P	0	Iran, Dasht-e-Lut Desert, Kerman City, note scissors fault - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
5-4-46	G	L	China-India-Kashmir-Pakistan disputed area, Mt. Godwin-Austen (K-2), Indus River - Low oblique
5-4-47	G	M	Tibet-Kashmir (India-China disputed area), Chang Chenmo Range, Nyak-Tsho Lake - Nearly vertical
5-4-48	G	L	China coast, Fukien Province, mouth of Futun-Min River, Fouchou City - Low oblique
5-4-49	G	M	Northeast New Guinea (Papua) looking southwest, Bismarck Sea in foreground, Coral Sea in background - High oblique
5-4-50	G	L	Australia, Cape York Peninsula, Queensland (note: Great Barrier Reef) - High oblique
5-4-51	F	L	Australia, Cape York Peninsula, Queensland - Low oblique
5-4-52	F	L	Australia, Cape York Peninsula, Queensland - Low oblique
5-4-53	P	0	Australia, Cape York Peninsula, Queensland, Great Dividing Range - Low oblique
5-4-54	F	L	Australia, Cape York Peninsula, Queensland, Michell River Valley - Nearly vertical
5-4-55	F	L	Australia, Cape York Peninsula, Queensland - High oblique
5-4-56	G	L	Australia, Cape York Peninsula, Queensland - High oblique
5-4-59	G	L	Island of Crete looking north to Greece and Turkey - Very high oblique
5-4-60	G	L	Shoreline of Persian Gulf, Saudi Arabia, Abu-Ali (note: pipeline) - Nearly vertical
5-4-62	G	L	Morocco, Ras (Cape) Rhir, Agadir - Nearly vertical
5-4-63	G	L	Morocco south of Agadir, Spanish Ifni (note storm) - Nearly vertical
5-4-64	G	L	Sahara Desert-Morocco-Algeria border area - Low oblique
5-4-65	G	M	Mid Sahara Desert, Algeria - Low oblique
5-4-66	G	M	Cape Verde Islands, Boa Vista (center), Sal, Maio, Sao Tiago - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
5-4-67	G	M	Cape Verde Islands, Sao Nico Lau, Santo Antao, Fogo looking southwest - High oblique
5-4-68	G	0	El Paso, Juarez, looking southeast - Low oblique
5-4-69	G	0	Texas, Mexico, El Paso, Juarez, White Sands, New Mexico area - Nearly vertical

GEMINI VI

CAMERA: Hasselblad Model 500 C (NASA Modified)
LENS: Zeiss Planar 80mm F.L.: F=2.8

FILM TYPE: Eastman Kodak Ektachrome MS (SO 217)
DATE: December 15-16, 1965

6-A-1 thru 62			Rendezvous GT-VII
6-B-28	G	0	India, Nepal, Mahabharat Range, Ganges Plain, Ghaghara River, city of Gorakhpur - Nearly vertical
6-B-30	G	L	Ras Hafun, Somali Republic, looking northwest - Low oblique
6-B-31	G	L	Ras Hafun, Somali Republic, looking northwest - Low oblique
6-B-32	G	0	Ras Hafun, Somali Republic, looking northwest - Nearly vertical
6-B-33	G	L	Somali Republic, Wadi Giael, Wadi Tog, looking northwest - Nearly vertical
6-B-34	G	L	Ocean, clouds, small island on edge, probably one of Chagos Islands, Indian Ocean - Nearly vertical
6-B-35	G	M	Western Australia, Lake McLeod, looking east - Low oblique
6-B-36	G	M	Western Australia, Shark Bay, Denham Sound, Carnarvon Tracking Station - Low oblique
6-B-37	G	M	Western Australia, looking eastward along Tropic of Capricorn - Low oblique
6-B-38	G	H	Cumulus clouds over Western Atlantic - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
6-B-39	G	H	Cumulus clouds over Western Atlantic - Low oblique
6-B-40	G	H	Cumulus clouds over Western Atlantic - Low oblique
6-B-41	G	H	Large disturbance over Central Atlantic, 1000 miles west of Canary Islands - Low oblique
6-B-42	G	H	Large disturbance over Central Atlantic, 1000 miles west of Canary Islands - Low oblique
6-B-43	G	H	Large disturbance over Central Atlantic, 1000 miles west of Canary Islands - Very high oblique
6-B-44	G	H	Large disturbance over Central Atlantic, 1000 miles west of Canary Islands - Very high oblique
6-B-45	G	H	Large disturbance over Central Atlantic, 1000 miles west of Canary Islands - Very high oblique
6-B-46	G	M	Cellular cloud formations west of Canary Islands - Low oblique
6-B-47	G	M	Cellular cloud formations west of Canary Islands - Low oblique
6-B-48	G	M	Eddies in stratocumulus near Canary Islands - Low oblique
6-B-49	G	H	Eddies in stratocumulus near Tenerife and Gomera Islands - Low oblique
6-B-50	G	M	Eddies in stratocumulus near Tenerife and Grand Canaria Islands - Nearly vertical
6-B-51	G	M	Eddies in stratocumulus near Tenerife and Grand Canaria Islands - Nearly vertical
6-B-52	G	H	Eddies in stratocumulus near Grand Canaria Islands - Nearly vertical
6-B-53	G	0	Morocco, Algeria, Mauritania, Spanish Sahara, Hamada Du Dra area - Low oblique
6-B-54	G	0	Algeria, Mali, Erg Chech - Low oblique
6-B-55	G	0	Algeria, Mali, Erg Chech - Low oblique
6-B-56	G	0	Algeria, Mali, Tanezrouft Desert of Sahara - Low oblique
6-B-57	G	0	Algeria, Mali, Adar Des Ifuras area - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
6-B-58	G	0	Niger Republic, Air ou Azbine Uplift - Nearly vertical
6-B-59	G	0	Chad, Sudan, Massif De Marva area - Nearly vertical
6-B-60	G	0	Sudan, Darfur Province, Jebel Marva area - Nearly vertical
6-B-61	G	0	Sudan, Upper Nile Province, large swamp area in White Nile - Nearly vertical
6-B-62	G	L	Ethiopia, Lakes Zwai, Langana and Shala, Koka Dam south of Addis Ababa, partial frame - Nearly vertical
6-C-1	G	H	Clouds over Southeast Indian Ocean - Low oblique
6-C-2	G	H	Clouds over Southeast Indian Ocean - High oblique
6-C-3	G	H	Clouds over Southeast Indian Ocean - Low oblique
6-C-4	G	H	Clouds over Southeast Indian Ocean - Low oblique
6-C-5	G	H	Clouds over Southeast Indian Ocean - Low oblique
6-C-6	G	H	Clouds over Southeast Indian Ocean - Low oblique
6-C-7	G	H	Clouds over Southeast Indian Ocean - Low oblique
6-C-8	G	H	Clouds over Southeast Indian Ocean - Low oblique
6-C-9	G	H	Clouds over Southeast Indian Ocean - Very high oblique
6-C-10	G	H	Clouds over Southeast Indian Ocean - Low oblique
6-C-11	G	M	Clouds over Southeast Indian Ocean - High oblique
6-C-17	G	H	Lines of cumulus clouds southwest of Canary Islands - Very high oblique
6-C-18	G	H	Lines of cumulus clouds southwest of Canary Islands - Very high oblique
6-C-19	G	H	Lines of cumulus clouds southwest of Canary Islands - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
6-C-20	G	H	Lines of cumulus clouds southwest of Canary Islands - Very high oblique
6-C-21	G	H	Lines of cumulus clouds southwest of Canary Islands - Very high oblique
6-C-22	G	H	Lines of cumulus clouds southwest of Canary Islands - Very high oblique
6-C-23	G	H	Lines of cumulus clouds southwest of Canary Islands - Very high oblique
6-C-24	G	L	Spanish Sahara, Mauritania, Cap Blanc, Levrier Bay, Port Etienne looking west - Very high oblique
6-C-25	G	0	Spanish Sahara, Mauritania, Cap Blanc, Levrier Bay - Very high oblique
6-C-26	G	0	Spanish Sahara, Mauritania, Cap Blanc, Levrier Bay - High oblique
6-C-27	G	0	Mauritania, Senegal, Senegal River, Dakar on point, Noaukchott, looking west - Very high oblique
6-C-28	G	0	Mauritania, Senegal, Gambia, Port Guinea, Guinea, Aouker Basin - High oblique
6-C-29	G	0	Mauritania, Senegal, Gambia, Port Guinea, Guinea, Aouker Basin - Very high oblique
6-C-30	G	0	Mauritania, Senegal, Gambia, Port Guinea, Guinea, Aouker Basin - High oblique
6-C-31	G	0	Mauritania, Senegal, Gambia, Portuguese Guinea looking west - Very high oblique
6-C-32	G	0	Mauritania, Senegal, Mali, Aouker Basin - Very high oblique
6-C-33	G	0	Mauritania, Senegal, Spanish Sahara, looking northwest - Very high oblique
6-C-34	G	0	Mali, Mauritania, Niger River marshes, town of Timbucktu looking northwest - Very high oblique
6-C-35	G	0	Mali, Mauritania, Niger River marshes, town of Timbucktu looking northwest - Very high oblique
6-C-36	G	0	Mali, Mauritania, Niger River marshes, town of Timbucktu - High oblique
6-C-37	G	0	Mali, Upper Volta, Niger, Niger River Basin, Sahara Desert looking northwest - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
6-C-38	G	L	Cirrus puffs over Nigeria, Niger, Mali, Upper Volta, Dahomey, looking northwest - Low oblique
6-C-39	G	L	Cirrus puffs over Nigeria, Niger, Mali, Upper Volta, Dahomey, looking northwest - Low oblique
6-C-40	G	M	Cirrus puffs over Nigeria, Niger, Mali, Upper Volta, Dahomey, looking northwest - High oblique
6-C-41	G	M	Cirrus puffs over Nigeria, Niger, Mali, Upper Volta, Dahomey, looking northwest - High oblique
6-C-42	F	H	Cirrus puffs over Nigeria, Niger, Mali, Upper Volta, Dahomey, looking northwest - Very high oblique
6-C-43	F	H	Cirrus puffs over Nigeria, Niger, Mali, Upper Volta, Dahomey, looking northwest - Very high oblique
6-C-45	F	M	Heavy haze, cellular cumulus clouds over Cameroon, Central African Republic - Low oblique
6-C-46	F	M	Heavy haze, cellular cumulus clouds over Cameroon, Central African Republic - Low oblique
6-C-47	G	H	Very heavy haze, clouds over Republic of the Congo - Low oblique
6-C-48	G	M	Uganda, Lake Victoria, Sese Islands, cumulus clouds - Low oblique
6-C-49	G	M	Tanzania, Lake Victoria, Speke Gulf, cumulus clouds - Nearly vertical
6-C-50	G	M	Tanzania, Lake Victoria, Speke Gulf, cumulus clouds - Nearly vertical
6-C-51	G	M	Tanzania coast, islands of Zanzibar and Pemba, cumulus clouds - Nearly vertical
6-C-52	G	H	Tanzania coast, south of Dar Es Salaam, clouds - Nearly vertical
6-C-53	G	H	Tanzania, Mozambique coast, Indian Ocean, clouds - Low oblique
6-C-54	G	L	Comoro Islands (Ile Moheli, Ile d'Anjouan, Gran Comore Island) - Low oblique
6-C-55	G	L	Comoro Islands (Ile Moheli, Ile d'Anjouan, Gran Comore Island, Ile d'Mayotte) - Low oblique
6-C-56	G	L	Comoro Islands (Ile d'Mayotte) - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
6-D-1	G	M	Northeast of Madagascar Island, Malagasy Republic in background - High oblique
6-D-2	G	M	Northeast of Madagascar Island, Malagasy Republic in background - High oblique
6-D-3	G	M	Mascarene Islands (La Reunion), Madagascar in background - Very high oblique
6-D-4	G	M	Mascarene Islands (La Reunion and Mauritius) - Low oblique
6-D-5	G	M	Mascarene Islands (La Reunion and Mauritius) - High oblique
6-D-6	G	M	Cumulus puffs over Gulf of Mexico - Very high oblique
6-D-7	G	M	Cumulus puffs over Gulf of Mexico - Very high oblique
6-D-8	G	M	Cumulus puffs over Gulf of Mexico - Very high oblique
6-D-9	G	M	Cumulus puffs over Gulf of Mexico - Very high oblique

GEMINI VII

CAMERA: Hasselblad Model 500 C (NASA Modified)
LENS: Zeiss Planar 80mm F.L.; F=2.8
Zeiss Sonnar 250mm F.L.; F=4.5
DATE: December 5-17, 1965

FILM TYPE: Eastman Kodak Ektachrome MS (SO 217)
Rolls 13, 17, 22, 23, 24 & 25
Eastman Kodak Ektachrome MS (SO 217)
Roll 30 (Exposed for ASA-500)
Eastman Kodak Ektachrome Infrared Type 8443
Roll 26

7-13-18	P	0	Southwest Africa, Rocky Point, Cape Fria - Low oblique
7-13-19	F	L	Southwest Africa, Rocky Point, Cape Fria - Low oblique
7-13-20	F	L	Southwest Africa, Kaoko Veld - Low oblique
7-13-21	F	M	Southwest Africa, Kaoko Veld - Nearly vertical
7-13-22	F	M	Southwest Africa, Kaoko Veld, Etosha Pan - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
7-13-23	F	M	Southwest Africa, Etosha Pan - Nearly vertical
7-13-24	P	H	Southwest Africa, Etosha Pan - Nearly vertical
7-13-25	P	H	Southwest Africa, Etosha Pan - Nearly vertical
7-13-26	P	H	Southwest Africa - Nearly vertical
7-13-27	P	H	Southwest Africa - Nearly vertical
7-13-28	P	H	Southwest Africa - Low oblique
7-13-29	P	M	Southwest Africa, Bechuanaland - Low oblique
7-13-30	P	L	Cuba, Pinar Del Rio, La Habana Provinces - Low oblique
7-13-31	P	L	Cuba, Las Villas Province looking northeast - Low oblique
7-13-32	P	L	Cuba, Camaguey Province looking northeast - Nearly vertical
7-13-33	P	L	Cuba, Camaguey, Oriente Province looking northeast - Nearly vertical
7-13-34	P	L	Cuba, Oriente Province looking northeast - Nearly vertical
7-13-35	F	L	Cuba, Oriente Province looking northeast - Low oblique
7-13-36	G	L	Cuba, Oriente Province looking north - Low oblique
7-13-37	G	L	Hispaniola, Haiti end, Great Iguana Island - Low oblique
7-13-38	G	L	Hispaniola, Dominican Republic end, looking northeast - Low oblique
7-13-39	F	L	Hispaniola, east end, Puerto Rico, looking north - Low oblique
7-13-40	F	M	British Guiana, mouth of Essequibo River - Low oblique
7-13-41	G	H	Clouds on coast of Guianas - High oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
7-13-42	G	H	Mouth of Amazon, Brazil, looking southwest - High oblique
7-17-1	G	H	Clouds, tropical storm off Baja California - Nearly vertical
7-17-2	G	H	Clouds, tropical storm off Baja California - High oblique
7-17-3	G	H	Clouds, tropical storm off Baja California - Low oblique
7-17-4	F	L	Mexico, Sonora, Chihuahua States, Sierra Madre Mountains - Nearly vertical
7-17-5	F	L	Mexico, Chihuahua - Nearly vertical
7-17-6	F	L	Mexico, Chihuahua - Nearly vertical
7-17-7	F	M	Mexico, Chihuahua - Nearly vertical
7-17-8	F	M	Mexico, Chihuahua - Nearly vertical
7-17-9	F	M	Mexico, Chihuahua - Nearly vertical
7-17-10	F	M	Mexico, Chihuahua - Nearly vertical
7-17-11	F	M	Mexico, Chihuahua - Nearly vertical
7-17-12	F	M	Mexico, Chihuahua, Coahuica States - Nearly vertical
7-17-18	F	L	Libya, Gulf of Sirte, looking northeast - Low oblique
7-17-19	G	L	Nile Delta, Sinai, Israel, Syria, Jordan, Lebanon, Turkey, Cyprus, Iraq - High oblique
7-17-20	F	L	Israel, Jordan, Dead Sea, Lebanon, Egypt, looking north - High oblique
7-17-21	P	0	Ras Al Hadd, Muscat and Oman - Nearly vertical
7-17-23	P	H	Clouds over Bay of Bengal, unique pattern - Nearly vertical
7-17-24	G	H	Clouds with unique holes, over Lesser Antilles, north of Caracas - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
7-17-25	G	L	Leeward Islands, Guadelupe, Antigua, Maria Galante, Montserrat - Nearly vertical
7-17-26	G	L	Sand, lava or basalt rock in Southeast Libya - Nearly vertical
7-17-27	G	L	Bahama Islands, Crooked Island, Long Island, Mayaguana Island - Nearly vertical
7-17-28	G	M	Bahama Islands, Mayaguana Island, Plana Cays - Nearly vertical
7-17-31	F	M	Florida Keys - Low oblique
7-17-32	F	M	Florida Keys - Low oblique
7-17-33	F	M	Florida Keys - Low oblique
7-17-34	F	M	Edge of Great Bahama Bank, Florida Straits - Nearly vertical
7-17-35	F	M	Edge of Great Bahama Bank, Florida Straits - Nearly vertical
7-17-36	G	M	Andros Island area, Bahamas - Nearly vertical
7-17-37	F	M	Andros Island area, Bahamas - Nearly vertical
7-17-38	G	H	Clouds over Eastern Pacific off Mexico - Nearly vertical
7-17-39	F	H	Clouds over Eastern Pacific off Mexico - Nearly vertical
7-17-40	G	L	Guadalupe Island off Baja California, Mexico, Pacific Ocean - Low oblique
7-17-41	G	L	Mexico, Baja California, Cedros Island, Punta Eugenia - Nearly vertical
7-17-42	G	H	Moon, clouds over Western Pacific - Very high oblique
7-17-43	G	H	Moon, clouds over Western Pacific - Very high oblique
7-17-45	G	H	Canary Islands, Tenerife Island - Low oblique
7-17-46	F	H	Canary Islands, Tenerife Island - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
7-17-47	F	H	Canary Islands, Tenerife Island - Low oblique
7-17-48	F	H	Mauritania, Richat Crater - High oblique
7-17-49	F	H	Clouds, Central Africa - Very high oblique
7-17-50	G	H	Clouds over Eastern Pacific off Mexico - Low oblique
7-17-51	G	H	Clouds over Eastern Pacific off Mexico - Low oblique
7-17-52	G	H	Clouds over Eastern Pacific off Mexico - Low oblique
7-17-53	G	H	Clouds over Eastern Pacific off Mexico - Low oblique
7-17-54	G	H	Clouds over Eastern Pacific off Mexico - Low oblique
7-17-55	G	H	Clouds over Mexico, Sonora - High oblique
7-17-56	G	L	Mexico, Durango, Chihuahua States, Torreon-Camargo area - Nearly vertical
7-17-57	G	L	Mexico, Durango, Coahuila States, Torreon area - Nearly vertical
7-17-58	G	L	Coahuila, Torreon-Saltillo area - Nearly vertical
7-17-59	G	M	Coahuila, Nuevo Leon States, Saltillo-Monterrey area - Nearly vertical
7-22-1	G	0	Saudi Arabia, Ar Riyad, Jabal Tuwayiq, (master damaged) - Very high oblique
7-22-2	G	0	Algeria, Erg Iguidi, sand dunes, 250mm lens, (master damaged) - Nearly vertical
7-22-3	G	0	Algeria south of Colomb Bechar, after a rain - lakes are usually dry, 250mm lens - Nearly vertical
7-22-4	F	0	Algeria south of Ft. Flatters, Tifernine Dunes (1000' high), 250mm lens - Nearly vertical
7-22-5	F	L	Algeria, Libya, sand dunes - High oblique
7-22-6	F	L	Tuamotu Archipelago, atolls of Tikehua, Rangiroa, Arutua, Apataki, Toau, Niau - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
7-22-7	G	M	Cuba Oriente Province, Guantanamo Bay, Santiago - Nearly vertical
7-22-8	G	M	Bahama Islands, Andros Island, New Providence Island, Berry Islands - Low oblique
7-22-9	G	L	Florida-Georgia coastal areas, Jacksonville, St. John's River - Low oblique
7-22-10	F	M	Mexico, Baja California, Sonora, California, Arizona, looking east-northeast - Very high oblique
7-22-11	F	L	Mexico, Baja California, Punta Eugenia, looking southeast - High oblique
7-22-12	F	M	Australia, Northern Territory, east coast of Joseph Bonaparte Gulf - Low oblique.
7-22-13	G	M	Mexico, Baja California, California, Arizona, moon near full - Very high oblique
7-22-15	F	H	Stratocumulus cells over Indian Ocean - Nearly vertical
7-22-16	F	H	Stratocumulus cells over Indian Ocean - Nearly vertical
7-22-18	G	L	Mexico, San Luis Potosi, Aguascalientes, Zacatecas area - Nearly vertical
7-22-19	G	L	Mexico, San Luis Potosi, Aguascalientes, Zacatecas area - Nearly vertical
7-22-20	G	L	Mexico, San Luis Potosi, Aguascalientes, Zacatecas area - Nearly vertical
7-22-21	G	L	Mexico, Nuevo Leon, San Luis Potosi States, Matehuela - Nearly vertical
7-22-22	F	L	Mexico, Nuevo Leon, Tamaulipas States, Cuidad Victoria - Nearly vertical
7-22-23	G	0	Mexico, Tamaulipas States, Rio Soto La Marina, Gulf of Mexico - Nearly vertical
7-22-24	G	L	Florida, east coast, St. Augustine to Ft. Pierce, Kennedy Space Center - High oblique
7-22-25	G	0	Florida, east coast, Titusville to north of Daytona Beach, 250mm lens - Nearly vertical
7-22-26	G	L	Florida, east coast, Kennedy Space Center, Merritt Island Complex, 250mm lens - Nearly vertical
7-22-27	G	L	Florida, Kennedy Space Center, Merritt Island to Daytona Beach, 250mm lens - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
7-22-29	F	L	Texas Gulf Coast, Galveston Bay to Central Louisiana, very hazy - Very high oblique
7-22-30	F	L	Texas Gulf Coast, Galveston Bay to Central Louisiana, very hazy - Low oblique
7-22-31	F	L	Houston, Beaumont, Jetero Airport, looking east, very hazy - Low oblique
7-22-32	F	0	East Texas, West Louisiana, Sam Rayburn Res. looking northeast, very hazy - Low oblique
7-22-39	F	M	Bahama Islands, south end Andros Island - Low oblique
7-22-40	F	H	Bahama Islands, Great Exuma Island, Long Island - Low oblique
7-22-41	F	M	Bahama Islands, Crooked Island, Acklins Island - Low oblique
7-22-43	G	M	Mexico, Tamaulipas, Vera Cruz States, gulf coast, Cape Rojo - Very high oblique
7-22-46	G	0	Algeria south of Colomb Bechar, rain runoff on desert floor - Low oblique
7-22-47	G	0	Algeria south of Colomb Bechar, rain runoff on desert floor - Low oblique
7-22-48	G	0	Algeria between Hoggar Uplift and Plateau Tadameit - High oblique
7-22-49	G	0	Algeria between Hoggar Uplift and Plateau Tadameit - Low oblique
7-23-9	P	0	Mali, Algeria - Low oblique
7-23-10	P	0	Mali, Algeria - Low oblique
7-23-11	P	0	Mali, Algeria - Low oblique
7-23-12	P	0	Mali, Algeria - Low oblique
7-23-16	P	0	Niger, Air Ou Azbine, out of focus - Nearly vertical
7-23-17	P	0	Niger, Air Ou Azbine, out of focus - Nearly vertical
7-23-18	P	0	Niger, Air Ou Azbine, out of focus - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
7-23-19	P	0	Niger, northwest of Lake Chad - Nearly vertical
7-23-20	P	0	Niger, Lake Chad - Nearly vertical
7-23-21	G	0	Niger, Lake Chad - Low oblique
7-23-22	G	0	Niger, Chad, Camercon, Fort Lamy, Lake Chad - Low oblique
7-23-24	G	0	Chad - Nearly vertical
7-23-25	G	L	Chad - Low oblique
7-23-26	G	L	Chad - Low oblique
7-23-27	G	0	Chad - Low oblique
7-23-28	G	0	Chad, Sudan Darfur Province - Nearly vertical
7-23-29	G	0	Chad, Sudan Darfur Province - Nearly vertical
7-23-30	G	0	Sudan, Darfur, Bahr El Ghazal Provinces - Nearly vertical
7-23-31	G	0	Sudan, Darfur, Bahr El Ghazal Provinces - Nearly vertical
7-23-32	G	0	Sudan, Bahr El Ghazal Province - Nearly vertical
7-23-33	G	L	Sudan, Bahr El Ghazal, Upper Nile Provinces - Nearly vertical
7-23-34	G	L	Sudan, Bahr El Ghazal, Upper Nile Provinces - Nearly vertical
7-23-35	G	L	Sudan, Bahr El Ghazal, Upper Nile Provinces - Nearly vertical
7-23-36	G	L	Sudan, Bahr El Ghazal, Upper Nile Provinces - Nearly vertical
7-23-37	F	L	Sudan, Bahr El Ghazal, Upper Nile Provinces - Nearly vertical
7-23-38	F	L	Sudan, Bahr El Ghazal, Upper Nile Provinces - Nearly vertical

EXPLANATION OF SYMBOLS - PAGE 1

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
7-23-39	G	M	Somali, coast line south of Mogadishu - Low oblique
7-23-41	F	L	Cape Verde Islands, Brava, Fogo, Sao Tiago, Maio, Boa Vista, Sal - High oblique
7-23-42	F	L	Bahama Bank area, Andros, Great Exuma Islands, north coast of Cuba, slightly out of focus Nearly vertical
7-23-43	P	L	Bahama Bank area, Andros Island, Tongue of the Ocean, slightly out of focus - Low oblique
7-23-44	P	L	Bahama Bank area, Andros, Great Exuma, Long Islands, slightly out of focus - Low oblique
7-23-45	P	M	Cuba, Oriente Province, slightly out of focus - High oblique
7-23-46	P	M	Cuba, Las Villas, Camaguey, Oriente Province, slightly out of focus - High oblique
7-23-47	P	L	Cuba, Oriente Province, slightly out of focus - High oblique
7-23-48	P	L	Cuba, Oriente Province, Guantanamo Bay - Very high oblique
7-23-52	G	H	Peru, Brazil, Upper Amazon Basin - Low oblique
7-23-53	G	H	Brazil, Colombia, Upper Amazon Basin - Low oblique
7-23-55	G	H	Brazil, Matto Grosso, clouds - Low oblique
7-23-56	G	H	Brazil, Matto Grosso, clouds - Low oblique
7-23-57	G	M	Brazil, Matto Grosso - Low oblique
7-23-58	G	M	Brazil, Matto Grosso - Low oblique
7-23-59	G	H	Brazil, coastline north of Vitoria, clouds - Low oblique
7-24-4	G	H	Clouds, Western Pacific - Very high oblique
7-24-5	F	L	Hawaiian Islands, Pearl and Hermes Reef, Kure Island, Midway Island - Low oblique
7-24-6	F	L	Hawaiian Islands, Pearl and Hermes Reef - Nearly vertical

EXPLANATION OF SYMBOLS - PAGE 1

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
7-24-7	F	M	China, Kwangtung Province, Hong Kong - Low oblique
7-24-8	F	M	China, Kwangtung Province, Hong Kong - Low oblique
7-24-10	F	L	Niger, Nigeria, Chad, Lake Chad - Low oblique
7-24-11	F	L	Niger, Nigeria, Chad, Lake Chad - Low oblique
7-24-12	F	L	Niger, Nigeria, Chad, Lake Chad - Low oblique
7-24-13	P	L	Mauritania, Spanish Sahara, Cap Blanc - High oblique
7-24-14	P	L	Mauritania, Spanish Sahara, Cap Blanc - Nearly vertical
7-24-15	G	H	Clouds, Pacific Ocean off Mexico - Low oblique
7-24-16	F	H	West-central Mexico - Low oblique
7-24-19	F	H	Mexico, north of San Luis Potosi - Low oblique
7-24-20	G	M	Mexico, British Honduras, Yucatan Peninsula, Quintana Roo - Nearly vertical
7-24-21	G	H	British Honduras, city of Belize, Gulf of Honduras - Low oblique
7-24-23	G	L	India, Ceylon, Palk Strait, Adam's Bridge - Nearly vertical
7-24-24	G	L	India, Ceylon, Palk Strait, Adam's Bridge - Nearly vertical
7-24-25	G	L	India, Ceylon, Palk Strait, Adam's Bridge - Nearly vertical
7-24-26	G	0	Libya, Chad, Niger, Tibesti Mountains - High oblique
7-24-28	F	0	Eastern Libya, Al Kufrah, Libyan Desert - Low oblique
7-24-29	G	M	United Arab Republic, Libya, Western and Libyan Deserts - Low oblique
7-24-30	G	M	Somali Republic, Ras Asir, Ras Hafun, Abd al Kuri Island - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
7-24-33	G	M	Bahama Islands, Andros, New Providence, Abaco, Eleuthera Islands - Low oblique
7-24-34	G	H	Senegal, Gambia, Portuguese Guinea, Dakar, Cape Vert - Very high oblique
7-24-35	G	H	Venezuela, Peninsula de Araya, Isla de Margarita - Low oblique
7-24-36	G	M	Mexico, Federal District, Morelos, Puebla, Tlaxcala, Guerrero - Nearly vertical
7-24-37	G	L	Mexico, Federal District, Morelos, Puebla, Tlaxcala, Guerrero, Oaxaco, Veracruz - Nearly vertical
7-24-38	G	L	Mexico, Puebla, Veracruz, Tlaxcala, Oaxaco - Nearly vertical
7-24-39	G	L	Mexico, Veracruz, Oaxaco - Nearly vertical
7-24-40	G	L	Mexico, Veracruz, Oaxaco, Golfo and Istmo de Tehuantepec - Nearly vertical
7-24-41	G	H	Clouds - Very high oblique
7-24-42	G	H	China, Kweichow-Kwangsi Provinces - Low oblique
7-24-43	F	M	China, Kwangtung Province, looking toward Canton and Hong Kong - High oblique
7-24-44	F	M	China, coastline of Formosa Strait - High oblique
7-24-45	G	L	Somali Republic, Ras Asir, Ras Hafun - Low oblique
7-24-46	G	L	Somali Republic, Ras Asir, Ras Hafun, Socotra Island - High oblique
7-24-47	G	L	Aden, Somali Republic, Gulf of Aden, Ras Asir - Very high oblique
7-24-48	F	H	Clouds - Very high oblique
7-24-49	F	H	Florida, Kennedy Space Center, Gemini VI abort - High oblique
7-24-50	G	M	Florida, Kennedy Space Center, Gemini VI abort - Low oblique
7-24-51	G	L	Florida, Kennedy Space Center, Gemini VI abort - Nearly vertical

EXPLANATION OF SYMBOLS - PAGE 1

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
7-24-52	G	H	Florida, Kennedy Space Center, Gemini VI abort - High oblique
7-24-53	G	H	Clouds over ocean - Low oblique
7-24-54	G	H	Clouds over ocean - Low oblique
7-24-55	G	H	Clouds over ocean - Low oblique
7-24-56	G	M	Clouds over ocean, contrails - High oblique
7-24-57	G	H	Clouds over ocean - Low oblique
7-24-58	F	H	Clouds - Low oblique
7-24-59	G	L	Angola, coast, south of Luanda - Low oblique
7-24-60	G	H	Bolivia, Chile, Argentina, cloud over Andes, Salar de Uyuni - Very high oblique
7-25-1	F	H	Honduras, El Salvador, Nicaragua, Carribbean in foreground, Pacific in background - High oblique
7-25-2	G	M	Colombia, Venezuela, Peninsula de la Guajira, Peninsula de Paraguana - Low oblique
7-25-3	G	M	Colombia, Venezuela, Peninsula de la Guajira, Peninsula de Paraguana - Nearly vertical
7-25-5	G	M	Venezuela, Caracas, Lago de Valencia - Nearly vertical
7-25-6	G	H	Clouds off Guyana coast - Low oblique
7-25-7	G	M	Brazil, mouth of Amazon River - Low oblique
7-25-8	G	M	Brazil, mouth of Amazon River - Low oblique
7-25-9	G	L	Brazil, mouth of Amazon River, Baia de Marajo - Low oblique
7-25-10	G	L	Brazil, mouth of Amazon River, Baia de Marajo - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
7-25-11	F	M	Brazil, mouth of Amazon River - Nearly vertical
7-25-12	F	L	Brazil, mouth of Amazon River, Baia de Marajo - Nearly vertical
7-25-13	F	L	Brazil, mouth of Amazon River, Baia de Marajo - Nearly vertical
7-25-15	G	L	Saudi Arabia, Sudan, Ethiopia, Red Sea - Low oblique
7-25-16	G	L	Saudi Arabia, Sudan, Ethiopia, United Arab Republic, Red Sea - High oblique
7-25-17	G	L	Saudi Arabia, Yemen, Ethiopia, Red Sea - Low oblique
7-25-18	G	L	Yemen, southwest corner of Empty Quarter - Low oblique
7-25-19	G	0	Aden Protectorate, Hadramawt Plateau, Wadi Hadramawt - Low oblique
7-25-20	G	0	Aden Protectorate, Hadramawt Plateau, Wadi Hadramawt, Al Mukalla, Gulf of Aden - Nearly vertical
7-25-21	G	0	Aden Protectorate, mouth of Wadi Hadramawt, Gulf of Aden - Nearly vertical
7-25-22	G	L	Somali Republic, Ras Asir, Ras Hafun - Very high oblique
7-25-23	G	L	Socotra Island, Abd al Kuri Island, The Brothers Islands - Nearly vertical
7-25-24	G	L	Ethiopia, Lake Tana, Blue Nile - Nearly vertical
7-25-25	G	0	Ethiopia, Harar, Bale Provinces - Nearly vertical
7-25-26	G	0	Ethiopia, Harar, Bale Provinces - Nearly vertical
7-25-27	G	0	Ethiopia, Harar, Bale Provinces - Nearly vertical
7-25-28	G	0	Ethiopia, Harar Province, Somali Republic - Nearly vertical
7-25-29	G	0	Ethiopia, Harar Province, Somali Republic - Nearly vertical
7-25-30	G	L	Ethiopia, Harar Province, Somali Republic - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
7-25-31	G	L	Somali Republic, coastline north of Mogadishu - Nearly vertical
7-25-32	G	L	Congo, Brazzaville, Republic of Congo, Leopoldville, Stanley Pool, Congo River - Nearly vertical
7-25-33	P	L	Mozambique, mouth of Zambeze River - Nearly vertical
7-25-34	G	M	Florida, Keys, Florida Bay, Cape Sable, underwater detail clearly shown - Nearly vertical
7-25-35	G	M	Cuba, Camaguey Province, Great Bahama Bank, Tongue of the Ocean - Nearly vertical
7-25-36	G	M	Cuba, Golfo de Ana Maria, Jardines de la Reina Islands - Nearly vertical
7-25-37	G	L	Haiti, Western Dominican Republic - Nearly vertical
7-25-38	G	L	Southeastern Haiti, Western Dominican Republic - Nearly vertical
7-25-39	G	H	Guyana, coastline at Georgetown - Very high oblique
7-25-44	G	H	Florida, Kennedy Space Center, Gemini VI launch, smoke puff at pad 19, clouds, contrails Low oblique
7-26-2	F	0	Gulf coast, New Orleans, Baton Rouge, Mobile, Gulfport, dark; f/11, 1/250 sec. - Low oblique
7-26-3	F	0	Gulf coast, Mobile, Gulfport, Pensacola, dark; f/11, 1/250 sec. - Nearly vertical
7-26-4	F	0	Gulf coast, Pensacola, Panama City, Montgomery, Birmingham, dark; f/11, 1/250 sec. - Nearly vertical
7-26-5	F	0	Gulf coast, Apalachicola, Tallahassee, forest fires, dark - Nearly vertical

Gemini VIII consists of photographs taken of Agena maneuvers.

GEMINI IX

CAMERA: Hasselblad Model 500 C (NASA Modified)
Hasselblad Super Wide Angle C (NASA Modified)
J.A. Maurer 70 Space Camera

FILM TYPE: Eastman Kodak Ektachrome MS (SO 217)
70mm Width, 55x55mm Format

LENS: Zeiss Planar 80mm F.L.; F=2.8, Rolls A,B,C
Zeiss Biogon 38mm F.L.; F=4.5, Roll D

DATE: June 3-6, 1966

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
9-A-1	F	M	Mexico, Torreon, Monterrey, looking over cloudy Coahuila Basin to folded mountains of Sierra Madre Oriental - Very high oblique
9-A-2	F	M	Mexico, Torreon, Monterrey, looking over cloudy Coahuila Basin to folded mountains of Sierra Madre Oriental - Very high oblique
9-A-3	F	M	Mexico, Coahuila, Nuevo Leon States, Serranias del Burro, Northern Sierra Madre Oriental Low oblique
9-A-4	G	M	Louisiana, gulf coast, Cameron to Mobile, Mississippi and delta, cloudy - High oblique
9-A-5	G	M	Louisiana, Alabama, Florida, gulf coast, Grand Isle to Apalachicola, Mississippi Delta, Mobile Bay - High oblique
9-A-17	G	M	ATDA, side view, range 70 ft., Venezuela coast, Isla Los Roques - Low oblique
9-A-18	G	M	ATDA, side view, range 75 ft., Venezuela coast, Isla Los Roques, Isla La Orchila - Low oblique
9-A-19	G	M	ATDA, side view, range 85 ft., Venezuela coast, Isla La Tortuga - Low oblique
9-A-20	G	M	ATDA, side view, range 105 ft., Venezuela coast, Isla La Tortuga - Low oblique
9-A-21	G	M	ATDA, side view, range 110 ft., Venezuela coast, Isla La Tortuga, Peninsula de Araya - Low oblique
9-B-6	G	L	Canary Islands - Very high oblique
9-B-7	G	L	Canary Islands - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
9-B-8	G	L	Canary Islands - Very high oblique
9-B-9	G	L	Canary Islands, coast of Africa - Very high oblique
9-B-10	G	L	Canary Islands, coast of Africa - Very high oblique
9-B-11	G	L	Canary Islands, coast of Morocco and Spanish Sahara - High oblique
9-B-12	G	L	Canary Islands, coast of Morocco and Spanish Sahara - Low oblique
9-B-13	G	L	Canary Islands, coast of Morocco and Spanish Sahara - Low oblique
9-B-14	G	L	Fuerteventura Islands, coast of Morocco and Spanish Sahara - Very high oblique
9-B-15	G	L	Morocco, Spanish Sahara, Mauritania, Algeria, Hamada du Dra, Tindouf Basin, Yetti Plain High oblique
9-B-17	G	0	Spanish Sahara, Mauritania, south edge of Tindouf Basin, Yetti Plain - Low oblique
9-B-18	G	0	Algeria, Erg Iguidi, Erg Chech - Low oblique
9-B-19	G	L	Algeria, Erg Iguidi, Erg Chech - High oblique
9-B-20	G	L	Algeria, Erg Chech, Tademait Plateau - Low oblique
9-B-21	F	L	Algeria, Erg Chech, Tanezrouft area - Low oblique
9-B-22	F	H	Algeria, Tademait Plateau, Ahellakane Escarpment - Very high oblique
9-B-23	G	M	Algeria, Iraquene and Ahellakane Escarpments - Very high oblique
9-B-24	G	0	Algeria, Libya, Ajjer Plateau, Ahaggar Mountains - Low oblique
9-B-25	G	L	Libya, Niger, Chad, Tibesti Mountains and Gravel Desert - Low oblique
9-B-26	G	L	Niger, Chad, Tibesti Mountains, volcanoes, lava - Low oblique
9-B-27	F	M	Libya, Chad, Sudan, featureless desert - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
9-B-28	F	L	Sudan, Great Bend of Nile River - Low oblique
9-B-29	F	L	Ethiopia, French Somaliland, Yemen, South Arabia, Red Sea, Gulf of Aden, Danakil Depression Very high oblique
9-B-30	G	L	Ethiopia, Somali Republic, Berbera, Gulf of Aden - Low oblique
9-B-31	G	H	Ethiopia, Somali Republic - High oblique
9-B-32	G	L	Somali Republic, Ras Azir, Ras Hafun, Indian Ocean, Socotra Island - Very high oblique
9-B-33	G	L	Somali Republic, Ras Azir, Ras Hafun, Indian Ocean, Socotra Island - Very high oblique
9-B-34	G	L	Clouds over water - Very high oblique
9-B-35	G	M	Clouds over water - Low oblique
9-B-43	G	H	Clouds - Very high oblique
9-B-44	G	H	Clouds - Very high oblique
9-B-45	G	H	Clouds - Very high oblique
9-B-46	G	H	Clouds - Low oblique
9-B-47	G	L	Canary Islands - High oblique
9-B-48	G	L	Canary Islands - Very high oblique
9-B-49	F	L	Chad, Niger, Nigeria, Lake Chad, inundated dunes - Low oblique
9-B-50	G	L	Chad, Niger, Nigeria, Cameroun, Lake Chad, inundated dunes - Low oblique
9-B-51	G	M	Central African Republic - Very high oblique
9-B-52	G	L	Central African Republic, Republic of the Congo, hazy - Low oblique
9-B-53	F	H	Republic of the Congo, Uganda, Lake Albert, Lake Edward, hazy - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
9-B-54	F	H	Republic of the Congo, Uganda, Lake Albert, Lake Edward, Lake Kyoga, hazy - High oblique
9-B-55	F	M	Kenya, Tanzania, Uganda, Lake Victoria, Kavirondo Gulf, hazy - High oblique
9-B-56	F	M	Kenya, Tanzania, Uganda, Lake Victoria, Kavirondo Gulf, hazy - Very high oblique
9-B-57	G	H	Kenya, Tanzania, Indian Ocean, coast, hazy - Low oblique
9-B-58	G	H	Kenya, Somali Republic, Indian Ocean, coast, hazy - High oblique
9-B-59	G	H	Kenya, Somali Republic, Tanzania, Indian Ocean, coast, hazy - Very high oblique
9-B-60	G	H	Somali Republic, Kenya, Indian Ocean, coast, hazy - Very high oblique
9-B-61	G	H	Somali Republic, Kenya, Indian Ocean, coast, hazy - High oblique
9-C-1	F	H	Clouds over water - Low oblique
9-C-2	F	H	Clouds over water - Low oblique
9-C-3	G	H	Clouds over water - Low oblique
9-C-4	G	M	Clouds over water - Low oblique
9-C-5	F	M	Mexico, Pacific coast, Baja California, Sonora, Sinaloa - Very high oblique
9-C-6	F	M	Mexico, Pacific coast, Baja California, Sonora, Sinaloa - Very high oblique
9-C-7	F	M	Mexico, Pacific coast near Mazatlan, entire gulf coast - Very high oblique
9-C-8	F	H	Mexico, Central America, Istmo de Tehuantepec, Yucatan - Very high oblique
9-C-9	G	H	Ecuador, Columbia, Peru, Andes, cloud-filled upper Amazon Basin - Very high oblique
9-C-10	G	H	Ecuador, Guayaquil, beneath clouds, Chimborazo (20,561') - Low oblique
9-C-11	G	M	Ecuador, Peru, Gulf of Guayaquil, Andes, Pacific coast south of Punta Negra - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
9-C-14	G	H	Clouds over water - Very high oblique
9-C-15	G	M	Galapagos Islands, clouds over water - Very high oblique
9-C-16	G	M	Galapagos Islands, clouds over water - Very high oblique
9-C-17	G	H	Galapagos Islands, clouds over water - High oblique
9-C-18	G	H	Clouds over Pacific Ocean, east of Galapagos Islands, cell structure - Low oblique
9-C-19	F	L	Peru, Pacific coast at Peninsula Paracas, Andes, Amazon Basin, twilight - High oblique
9-C-21	F	L	Peru, Bolivia, Lake Titicaca, sunlit Cordillera Real peaks, twilight - High oblique
9-C-22	F	L	Peru, Bolivia, Lake Titicaca, sunlit Cordillera Real peaks, twilight - Very high oblique
9-C-24	F	L	Peru, Bolivia, La Paz, Lake Titicaca, sunlit Illimani volcano (21,300'), twilight - High oblique
9-C-28	G	L	Peru, Ecuador, Bay and Desert of Sechura, Andes Mountains, Amazon Basin - Low oblique
9-C-29	G	M	Peru, Ecuador, Bay and Desert of Sechura, Andes Mountains - Low oblique
9-C-30	G	M	Peru, Ecuador, Bay and Desert of Sechura, Andes Mountains - Low oblique
9-C-31	G	M	Peru, Bay and Desert of Sechura, Andes Mountains - Low oblique
9-C-32	G	L	Peru, north coastal area, Chiclayo to Trujillo, Andes Mountains - Nearly vertical
9-C-33	G	L	Peru, north coastal area, Chiclayo to Trujillo, Andes Mountains - Nearly vertical
9-C-34	G	L	Peru, north coastal area, Chiclayo to Trujillo, Andes Mountains - Nearly vertical
9-C-35	G	L	Peru, north coastal area, Trujillo to Casma, Andes Mountains - Nearly vertical
9-C-36	G	L	Peru, central coastal area, Chimbote to Paramonga, Andes Mountains, Cordillera Blanca, Huascaran (22,205'), path of disastrous avalanche of 1962 clearly visible - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
9-C-37	F	L	Peru, Cerro de Pasco, Andes Mountains, branches of Ucayali River, dark - Nearly vertical
9-C-38	G	L	Peru, coastline, Lima to Peninsula Paracas, Andes Mountains, Lago de Junin - Low oblique
9-C-39	F	M	Peru, Andes Mountains, Ucayali River, Upper Amazon Basin, dark - Nearly vertical
9-C-40	F	M	Peru, eastern edge of Andes Mountains, Ucayali River, Upper Amazon Basin, dark - Nearly vertical
9-C-41	G	L	Peru, Cusco-Ayacucho area, Andes Mountains, Rio Apurimac, Rio Urubamba - Low oblique
9-C-42	G	L	Peru, Cusco-Ayacucho area, Andes Mountains, Rio Apurimac, Rio Urubamba - Nearly vertical
9-C-43	G	L	Peru, Cusco-Ayacucho area, Andes Mountains, Rio Apurimac, Rio Urubamba, Nevado Ampato - Nearly vertical
9-C-44	G	L	Peru, Cusco area, Andes Mountains, Apurimac-Urubamba-Madre de Dios Rivers - Nearly vertical
9-C-45	G	M	Peru, Chile, Arequipa, coastline from Chala south, Andes Mountains, Volcan Misti - High oblique
9-C-46	G	M	Peru, Bolivia, Chile, Arequipa, coastline from Mollendo south, Andes Mountains, Volcan Misti Very high oblique
9-C-47	G	L	Peru, Bolivia, Chile, Arequipa, Lake Titicaca, Andes Mountains, salt basins, coastline - High oblique
9-C-48	G	L	Peru, Bolivia, Chile, Arequipa, Lake Titicaca, Andes Mountains, salt basins, coastline - High oblique
9-C-49	G	L	Peru, Bolivia, Chile, La Paz, Lake Titicaca, Andes Mountains, salt basins, coastline - Very high oblique
9-C-50	G	L	Peru, Bolivia, Chile, La Paz, Lake Titicaca, Andes Mountains, salt basins, coastline - High oblique
9-C-51	G	L	Peru, Bolivia, Chile, La Paz, Lake Titicaca, Lake Poopo, Salar de Uyuni, Andes Mountains High oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
9-C-52	G	L	Peru, Bolivia, Chile, La Paz, Lake Titicaca, Lake Poopo, Salar de Uyuni, Andes Mountains Low oblique
9-C-53	G	L	Bolivia, Chile, Argentina, Sucre, Lake Poopo, Salar de Uyuni, Andes Mountains, Gran Chaco Very high oblique
9-C-54	F	L	Bolivia, Argentina, Paraguay, Sucre, Cordillera Central, Cordillera Oriental, Gran Chaco, Rio Grande, dark - High oblique
9-C-55	F	L	Bolivia, Argentina, Paraguay, Cordillera Oriental, Gran Chaco, Rio Grande, Rio Parapeti, dark Very high oblique
9-C-56	P	L	Bolivia, Paraguay, Cordillera Oriental, Gran Chaco, Rio Grande, Rio Parapeti, Serrania de San Jose - Nearly vertical
9-C-65	G	H	Cirriform clouds - Very high oblique
9-C-66	G	H	Cirriform clouds - Very high oblique
9-C-67	G	H	Cirriform clouds - Very high oblique
9-C-68	G	H	Cirriform clouds - Very high oblique
9-D-38	G	L	Comdr. Cernan's EVA camera, umbilical cord, California, Arizona, Sonora - Very high oblique
9-D-39	G	L	Comdr. Cernan's EVA camera, umbilical cord, Arizona, New Mexico, Sonora - Very high oblique
9-D-40	G	L	Comdr. Cernan's EVA camera, nose of Gemini IX, Baja California, Sonora - Very high oblique
9-F-49	G	M	Venezuela, Caribbean coast, islands of Aruba, Curacao, Bonaire, Roques, Tortugas - High oblique
9-F-50	G	M	Venezuela, Caribbean coast, islands of Aruba, Curacao, Bonaire, Roques, Tortugas, Margarita High oblique
9-F-51	G	H	Brazil, Atlantic coast, mouth of Amazon and Para Rivers - Very high oblique
9-F-52	G	H	Brazil, Atlantic coast, Baia de Sao Marcos - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
9-G-13	P	L	Peru, Ecuador, Bay and Desert of Sechura, Andes Mountains, Amazon Basin - Low oblique
9-G-14	F	L	Peru, Desert of Sechura, Andes Mountains, Amazon Basin - Low oblique
9-G-15	G	L	Peru, Andes Mountains, Rio Maranon, east of Trujillo - Nearly vertical
9-G-16	G	L	Peru, Andes Mountains, Rio Maranon, Rio Huallaga, east of Trujillo - Nearly vertical
9-G-17	G	L	Peru, Andes Mountains, Rio Maranon, Rio Huallaga, east of Trujillo - Nearly vertical
9-G-18	G	L	Peru, Andes Mountains, Amazon Basin, Rio Ucayali - Nearly vertical
9-G-19	G	M	Peru, Andes Mountains, Amazon Basin, Rio Ucayali - Nearly vertical
9-G-20	G	M	Peru, Andes Mountains, Amazon Basin, Rio Madre de Dios, Rio Urubamba - Nearly vertical
9-G-21	G	M	Peru, Bolivia, Andes Mountains, Lake Titicaca, Rio Madre de Dios, Amazon Basin - Nearly vertical
9-G-22	G	M	Peru, Bolivia, Andes Mountains, Lake Titicaca, Rio Madre de Dios, Amazon Basin - Nearly vertical
9-G-23	G	M	Peru, Bolivia, Andes Mountains, Rio Madre de Dios, Amazon Basin - Nearly vertical
9-G-24	G	L	Peru, Bolivia, Andes Mountains, Lake Titicaca, Lake Poopo, Salar de Uyuni, Rio Beni, Amazon Basin - High oblique
9-G-25	G	M	Bolivia, Andes Mountains, Rio Beni, Amazon Basin - Nearly vertical
9-G-26	G	L	Bolivia, eastern slope of Andes, Amazon Basin, Rio Mamore, Rio Grande - Nearly vertical
9-G-27	G	L	Bolivia, Amazon Basin, Rio Mamore, Rio Grande - Nearly vertical
9-G-28	F	L	Bolivia, San Javier, Amazon Basin, Rio Grande - Nearly vertical
9-G-34	F	M	Canary Islands, image degraded because of window obscuration - Very high oblique
9-G-35	F	M	Canary Islands, image degraded because of window obscuration - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
9-G-36	F	L	Spanish Sahara, Morocco, Hamada du Dra, Tindouf Basin - Low oblique
9-G-37	F	L	Spanish Sahara, Morocco, Mauritania, Algeria, Tindouf Basin, Yetti Plains - High oblique
9-G-38	F	L	Spanish Sahara, Morocco, Mauritania, Algeria, Hamada du Dra, Tindouf Basin - Low oblique
9-G-41	F	M	Algeria, Grand Erg Oriental, Ajjer Plateau, image degraded because of window obscuration Very high oblique
9-G-42	F	L	Algeria, Libya, Ajjer Plateau, Marzuq San Plain - Very high oblique
9-G-43	F	L	Algeria, Libya, Ajjer Plateau, Marzuq San Plain - Very high oblique
9-G-44	F	L	Libya, Chad, Niger, Tibesti Mountains and Gravel Desert - Low oblique
9-G-45	P	M	Libya, Chad, Northern Tibesti Mountains - Low oblique
9-G-46	P	0	Libya, Northern Tibesti Mountains, Kufra Oasis, Sarra Gravel Desert - Low oblique
9-G-47	P	L	Sudan, Great Bend of Nile River, Ethiopia, Red Sea, Saudi Arabia in background - Low oblique
9-G-48	P	L	Sudan, Great Bend of Nile River, Ethiopia, Red Sea, Saudi Arabia in background - Very high oblique
9-G-49	P	L	Sudan, Ethiopia, Saudi Arabia, Red Sea - Very high oblique
9-G-50	P	L	Ethiopia, Yemen, Saudi Arabia, Danakil Depression, Red Sea, Gulf of Aden - Very high oblique

GEMINI X

CAMERA: J.A. Maurer 70mm Space Camera
Hasselblad Super Wide Angle 70mm

FILM TYPE: Eastman Kodak Ektachrome MS (SO 217)
70mm Width, 55x55mm Format

LENS: Xenotar 80mm F.L.; F=2.8, Rolls 10,11,12,13,14
Zeiss Biogon 38mm F.L.; F=4.5, Rolls 5,28

DATE: July 19-21, 1966

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
10-10-3	G	M	Murilo Atoll, Pacific Ocean - Low oblique
10-10-4	G	M	Clouds over Pacific Ocean, northeast of Murilo Atoll - Low oblique
10-10-5	F	H	Guadalupe Island (in hole in clouds), Baja California, Gulf of California in background Very high oblique
10-10-6	F	H	Guadalupe Island (in hole in clouds), Baja California, Gulf of California in background Very high oblique
10-10-7	F	H	Guadalupe Island (in hole in clouds), Southern California, Baja California area - Very high oblique
10-10-8	F	H	California, Mexico, Los Angeles to Cabo Colnett - Very high oblique
10-10-20	F	M	Mali, Mauritania, Upper Niger Basin - Very high oblique
10-10-21	F	M	Mali, Niger, Upper Volta, Timbuktu, Niger River, Lake Faguibine - Very high oblique
10-10-22	F	L	Mali, Niger, Algeria, Iforas Mountains, Niger Basin - Very high oblique
10-10-23	F	L	Mali, Niger, Algeria, Ahaggar Mountains, Air ou Azbine - Very high oblique
10-10-24	F	0	Niger, Algeria, Ahaggar Mountains, Air ou Azbine, Northern Tenere - Very high oblique
10-10-25	F	0	Niger, Algeria, Libya, Chad, Air ou Azbine, Tenere region - Very high oblique
10-10-26	F	0	Niger, Algeria, Libya, Chad, Tibesti Mountains, Tenere region - Very high oblique
10-10-27	G	L	Niger, Libya, Chad, Tibesti Mountains, Bodele Basin - Very high oblique
10-10-28	G	L	Libya, United Arab Republic, Sudan, Great Sand Sea, Jebel Uweinat - Very high oblique
10-10-29	F	L	United Arab Republic, Sudan, Saudi Arabia, Eastern Desert, Foul Bay, Hejaz area, Red Sea Very high oblique
10-10-30	F	L	United Arab Republic, Sudan, Saudi Arabia, Eastern Desert, Foul Bay, Hejaz area, Red Sea Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
10-10-31	F	L	United Arab Republic, Sudan, Saudi Arabia, Hejaz area, Red Sea - Very high oblique
10-10-36	G	H	Mexico, Central America, Yucatan, Gulf of Mexico - Very high oblique
10-10-37	G	H	Mexico, Central America, Yucatan, Gulf of Mexico - Very high oblique
10-10-38	G	H	Mexico, Cuba, Florida, Yucatan Channel, Gulf of Mexico, Caribbean Sea - Very high oblique
10-10-39	G	M	Cuba, Florida, Straits of Florida, Gulf of Mexico - Very high oblique
10-10-40	G	M	Cuba, Florida, Straits of Florida, Gulf of Mexico - Very high oblique
10-10-44	F	L	Morocco, Straits of Gibraltar, Spain, Portugal in background - Very high oblique
10-10-45	F	L	Morocco, Straits of Gibraltar, Spain, Portugal in background - Very high oblique
10-10-46	F	L	Morocco, Straits of Gibraltar, Spain, Portugal in background - Very high oblique
10-10-47	F	L	Morocco, Algeria, Straits of Gibraltar, Spain, Portugal in background - Very high oblique
10-10-48	F	L	Morocco, Algeria, Straits of Gibraltar, Spain in background - Very high oblique
10-10-49	F	L	Morocco, Algeria, Straits of Gibraltar, Spain in background - Very high oblique
10-10-50	F	L	Morocco, Algeria, Straits of Gibraltar, Spain in background - Very high oblique
10-11-4	G	M	Clouds, ocean - High oblique
10-11-5	G	M	Clouds, ocean - Low oblique
10-11-6	G	L	Clouds, ocean, west of Midway Island - Low oblique
10-11-7	G	L	Midway Island, Kure Island - Nearly vertical
10-11-8	G	L	Midway Island, Kure Island - Nearly vertical
10-11-9	G	L	Pearl and Hermes Reef - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
10-11-10	G	L	Pearl and Hermes Reef - Low oblique
10-11-11	G	H	Chagos Archipelago, Egmont Islands, Three Brothers, Indian Ocean - High oblique
10-11-12	G	M	Chagos Archipelago, Egmont Islands, Three Brothers, Diego Garcia, Indian Ocean - High oblique
10-11-13	G	M	Chagos Archipelago, Egmont Islands, Three Brothers, Diego Garcia, Indian Ocean - High oblique
10-11-14	G	M	Chagos Archipelago, Diego Garcia, Blenheim Reef, Indian Ocean - Low oblique
10-11-15	G	M	Maldive Islands, Suvadiva and Addu Atolls, Indian Ocean - Low oblique
10-11-16	G	M	Maldive Islands, Suvadiva and Addu Atolls, Indian Ocean - Low oblique
10-11-17	G	L	Maldive Islands, Nilandu, Kolamadulu, Haddummati, Suvadiva, Addu Atolls, Indian Ocean - Low oblique
10-11-18	G	M	Maldive Islands, Kolamadulu, Haddummati, Nilandu, Suvadiva, Addu Atolls, Indian Ocean - Very high oblique
10-11-19	G	M	Maldive Islands, Kolamadulu, Haddummati, Suvadiva, Addu Atolls, Indian Ocean - Very high oblique
10-11-20	G	M	Maldive Islands, Kolamadulu, Haddummati, Suvadiva, Addu Atolls, Indian Ocean - Very high oblique
10-11-21	G	L	Cloud streaks over Indian Ocean - Low oblique
10-11-22	G	L	Cloud streaks over Indian Ocean, Maldive Islands in background - Very high oblique
10-11-23	G	L	Cloud streaks over Indian Ocean - Low oblique
10-11-24	G	M	Cloud streaks over Indian Ocean, Maldive Islands in background - High oblique
10-11-25	G	M	China, Taiwan, Formosa Strait - Very high oblique
10-11-26	G	M	China, Taiwan, Formosa Strait - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
10-11-27	G	H	China, Fukien, Chekiang, Kwangtung Provinces - Very high oblique
10-11-28	G	H	China, Fukien, Kwangtung, Hunan, Kiangsi, Hupeh Provinces, lakes on Yangtze River - Low oblique
10-11-29	G	M	China, Taiwan, Fukien Province, Formosa Strait, Pescadores Islands - Low oblique
10-11-30	G	M	China, Fukien, Chekiang Provinces, Formosa Strait, Pescadores Islands - High oblique
10-11-31	G	M	China, Fukien Province, Taiwan, Formosa Strait, Pescadores Islands - Low oblique
10-11-32	G	M	China, Fukien Province, Taiwan, Formosa Strait, Pescadores Islands - Low oblique
10-11-33	G	L	Taiwan, Kaohsiung, south half of island - Low oblique
10-11-34	G	L	Ryukya Islands, Sakishima Gunto group - Low oblique
10-11-35	G	L	Daito Islands, Kita Daito Jima - Low oblique
10-11-36	G	L	Daito Islands, Kita Daito Jima - Low oblique
10-11-37	G	L	Ocean, clouds - Very high oblique
10-11-38	G	H	Parece Vela (Douglas) Reef, ocean, clouds - Low oblique
10-11-39	G	M	Ocean, clouds, sea mount - Low oblique
10-11-40	G	M	Ocean, clouds - Low oblique
10-11-41	G	M	Ocean, clouds - Low oblique
10-11-42	G	H	East Africa coastline, Indian Ocean, cloud layers of several types - Very high oblique
10-11-43	G	H	East Africa coastline, Indian Ocean, cloud layers of several types - Very high oblique
10-11-46	G	H	Indian Ocean, cloud layers of several types - High oblique
10-11-47	G	H	Indian Ocean, cloud layers of several types - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
10-12-4	G	H	China, North Vietnam, Gulf of Tonkin - Very high oblique
10-12-6	G	H	China (Kwangsi Province), North Vietnam, Hanoi, Haiphong, Red River, Gulf of Tonkin - Very high oblique
10-12-7	G	H	China (Kwangsi Province), North Vietnam, Red River - Very high oblique
10-12-8	G	H	China (Kwangsi Province), North Vietnam, Hanoi, Haiphong, Red River, Gulf of Tonkin, South Vietnam on horizon - Very high oblique
10-12-10	G	H	China (Kwangsi Province), North Vietnam, Song Gam River - Low oblique
10-12-11	G	H	China (Kwangsi Province), North Vietnam, Song Gam River - Low oblique
10-12-12	G	H	China (Kwangsi Province), North Vietnam, Siang River - Very high oblique
10-12-13	G	H	China (Kwangsi Province), North Vietnam, South Vietnam (background), Hanoi, Haiphong, Red River, Gulf of Tonkin - Very high oblique
10-12-14	G	H	China (Kwangsi Province), North Vietnam, Siang River, Gulf of Tonkin - High oblique
10-12-15	G	H	China, Kwangsi Province, Nan-ning, Yu River - High oblique
10-12-16	G	H	China, Kwangtung, Kiangsi Provinces, South China Sea coast - Low oblique
10-12-17	G	H	China, Kwangtung, Kiangsi Provinces, South China Sea coast - Low oblique
10-12-18	G	H	China, Kwangtung, Kiangsi Provinces, South China Sea coast - Low oblique
10-12-19	G	H	China, Kwangtung, Kiangsi Provinces, South China Sea coast - Low oblique
10-12-20	G	H	China, Kwangtung, Kiangsi, Fukien Provinces, South China Sea coast - Low oblique
10-12-21	G	H	China, Kwangtung, Kwangsi Provinces, Hsi River - Low oblique
10-12-23	G	H	China, Kwangtung, Kiangsi, Fukien Provinces, South China Sea coast - Low oblique
10-12-24	G	M	China, Kwangtung, Kiangsi, Fukien Provinces, Quemoy, South China Sea coast - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
10-12-25	G	M	China, Kwangtung, Kiangsi, Fukien Provinces, Quemoy, South China Sea coast - Low oblique
10-12-26	G	M	China, Kwangtung, Fukien Provinces, Taiwan, Quemoy, Formosa Strait, Pescadores Islands - Low oblique
10-12-27	G	M	China, Fukien Province, Quemoy, South China Sea coast - Low oblique
10-12-28	G	M	Taiwan, Formosa Strait, Pescadores Islands, Pacific Ocean - Very high oblique
10-12-29	G	M	Taiwan, China, Fukien Province, Formosa Strait, Quemoy, Pescadores Islands - Very high oblique
10-12-30	G	M	Taiwan, Formosa Strait, Pescadores Islands, Pacific Ocean - Very high oblique
10-12-31	G	H	China, Fukien, Kiangsi, Chekiang Provinces, P'oyang and Tungt'ing Lakes on Yangtze River High oblique
10-12-32	G	H	China, Fukien, Kiangsi, Chekiang Provinces, P'oyang and Tungt'ing Lakes on Yangtze River High oblique
10-12-33	G	M	Taiwan, China coast, Fukien Province, Formosa Strait - Very high oblique
10-12-35	G	M	China, Chekiang Province, mouth of Yangtze River, Hangchou Bay - Very high oblique
10-12-36	G	M	China, Chekiang Province, mouth of Yangtze River, Hangchou Bay - Very high oblique
10-12-39	G	M	Ocean, clouds - Low oblique
10-12-40	G	M	Ocean, clouds - Low oblique
10-12-41	G	H	Ocean, clouds - Low oblique
10-12-42	G	H	Ocean, clouds - Low oblique
10-12-44	G	H	Ocean, clouds near terminator - High oblique
10-12-45	G	H	Ocean, clouds near terminator - Very high oblique
10-12-48	F	M	Peru, Brazil, Rio Ucayali, Cordillera Oriental, road to Pucallpas visible - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
10-13-13	G	M	Ocean, clouds - Very high oblique
10-13-14	G	M	Peru, Brazil, Amazon Basin, Ucayali River, Andes with Huascaran Volcano (22,205') in background - Very high oblique
10-13-15	G	M	Peru, Brazil, Amazon Basin, Ucayali River, Andes with Huascaran Volcano (22,205') in background - Very high oblique
10-13-16	G	M	Peru, Brazil, Amazon Basin, Ucayali River, Andes with Huascaran Volcano (22,205') in background - Very high oblique
10-13-17	G	M	Peru, Brazil, Amazon Basin, Ucayali River, Andes with Huascaran Volcano (22,205') in background - Very high oblique
10-13-18	G	M	Costa Rica, Nicaragua, Panama, Pacific Ocean Foreground, Caribbean Sea background - Very high oblique
10-13-19	G	M	Costa Rica, Nicaragua, Panama, Pacific Ocean foreground, Caribbean Sea background - Very high oblique
10-13-20	G	M	Costa Rica, Nicaragua, Panama, Pacific Ocean foreground, Caribbean Sea background, stereo with No. 21 - Very high oblique
10-13-21	G	M	Costa Rica, Nicaragua, Panama, Pacific Ocean foreground, Caribbean Sea background, stereo with No. 20 - Very high oblique
10-13-22	G	M	Vortex clouds over ocean, Canary Island area - Very high oblique
10-13-23	G	M	Vortex clouds over ocean, Canary Island area - Very high oblique
10-13-24	G	M	Vortex clouds over ocean, Canary Island area - Very high oblique
10-13-25	G	L	Vortex clouds near Straits of Gibraltar, Spain, Portugal in background, Morocco on right Very high oblique
10-13-26	G	L	Vortex clouds near Straits of Gibraltar, Spain, Portugal in background, Morocco on right Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
10-13-27	G	L	Vortex clouds near Straits of Gibraltar, Spain, Portugal in background, Morocco on right Very high oblique
10-13-28	G	L	Vortex clouds near Straits of Gibraltar, Spain, Portugal in background, Morocco on right Very high oblique
10-13-29	G	H	Brazil, Amazonas State, cloud-covered Amazon Basin - Low oblique
10-13-30	G	H	Brazil, Amazonas State, cloud-covered Amazon Basin - Low oblique
10-13-31	G	H	Brazil, Amazonas State, cloud-covered Amazon Basin - Low oblique
10-13-32	G	H	Brazil, Amazonas State, cloud-covered Amazon Basin - Low oblique
10-13-33	G	H	Brazil, Guyana, Venezuela, Rio Branco, Serra Pacaraima - Low oblique
10-13-34	G	M	Brazil, Guyana, Venezuela, Rio Branco, Serra Pacaraima - Low oblique
10-13-35	G	H	Brazil, Guyana, Venezuela, La Gran Sabana, Orinoco Basin - High oblique
10-13-36	G	H	Guyana, Venezuela, Orinoco, Essequibo Rivers, La Gran Sabana - High oblique
10-13-37	G	H	Guyana, Venezuela, Orinoco, Essequibo Rivers, La Gran Sabana - Very high oblique
10-13-38	G	H	Surinam, Guyana, Venezuela, Orinoco, Essequibo Rivers - Low oblique
10-13-39	G	M	Surinam, Guyana, Paramaribo, Atlantic coast - Low oblique
10-13-40	G	M	Surinam, Guyana, Paramaribo, Atlantic coast - Low oblique
10-13-41	G	H	Surinam, Guyana, French Guiana, Paramaribo, Georgetown, Atlantic coast - High oblique
10-13-42	G	H	Surinam, Guyana, French Guiana, Paramaribo, Atlantic coast - High oblique
10-13-43	G	M	Surinam, Guyana, French Guiana, Atlantic coast - Very high oblique
10-13-44	F	0	Spanish Sahara, Mauritania, Port Etienne, Cap Blanc, Dhar Adrar - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
10-13-45	F	0	Spanish Sahara, Mauritania, Villa Cisneros, Erg Iguidi, Tindouf Basin - High oblique
10-13-46	F	L	Spanish Sahara, Mauritania, Morocco, Algeria, Erg Iguidi, Tindouf Basin - Very high oblique
10-13-47	G	L	Spanish Sahara, Mauritania, Morocco, Algeria, Erg Iguidi, Tindouf Basin, Hamada du Dra, Anti-Atlas Mountains - High oblique
10-14-18	F	H	Mexico, Texas, Torreon, Coahuila Basin, Serrania del Burro, Rio Grande, gulf coast - Low oblique
10-14-19	F	H	Mexico, Texas, Coahuila, Sierra Madre Oriental, Sierra de los Alamitos, Don Martin Reservoir Low oblique
10-14-20	G	M	Mexico, Texas, gulf coast from Corpus Christi Bay to Boca San Rafael - Nearly vertical
10-14-21	G	L	Texas, gulf coast, Matagordo Bay, mouth of Colorado River - Nearly vertical
10-14-22	F	M	Texas, Louisiana, gulf coast from Freeport to Vermilion Bay - Nearly vertical
10-14-24	G	M	Umbilical cord bag discarded, ocean, clouds - Nearly vertical
10-14-25	G	M	Umbilical cord bag discarded, ocean, clouds - Nearly vertical
10-14-31	G	H	Clouds, ocean - Very high oblique
10-14-32	G	H	Clouds, ocean - Very high oblique
10-14-33	G	H	Clouds, ocean - Very high oblique
10-14-38	G	M	Indonesia, Sumatra, Simeulue, Nias Islands - Low oblique
10-14-39	G	M	Indonesia, Sumatra, Simeulue Islands - High oblique
10-14-40	G	H	Indonesia, Sumatra, Nias, Batu Islands, Mentawai Archipelago - Low oblique
10-14-41	G	H	Indonesia, Sumatra (Padang), Mentawai Archipelago - Nearly vertical
10-14-42	G	H	Indonesia, Nias Island, Mentawai Archipelago - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
10-14-43	G	H	Indonesia, Sumatra, Mentawai Archipelago - Nearly vertical
10-14-44	G	H	Indonesia, Sumatra, Nias Island, Mentawai Archipelago - Nearly vertical
10-14-45	G	H	Indonesia, Sumatra (Padang), Mentawai Archipelago - Nearly vertical
10-14-46	G	H	Indonesia, Sumatra, Mentawai Archipelago - Nearly vertical
10-14-47	G	H	Indonesia, Malaysia, Sumatra, Malaya (Malacca), Strait of Malacca - Nearly vertical
10-14-48	G	H	Malaysia, Kuala Lumpur, Strait of Malacca, southernmost Thailand beneath clouds in background Nearly vertical
10-14-49	G	H	Anambas Islands, South China Sea - Nearly vertical

GEMINI XI

CAMERA: J.A. Maurer 70mm Space Camera
Hasselblad Super Wide Angle 70mm

LENS: Zenator 80 mm F.L.; F=2.8, Rolls 10,11,12
Zeiss Biogon 38mm F.L.; F=4.5, Rolls 8,9

FILM TYPE: Eastman Kodak Ektachrome MS (SO 368)
70mm Width, 55x55mm Format

DATE: September 12-15, 1966

11-8-13	G	L	United Arab Republic, Saudi Arabia, Israel, Jordan, Foul Bay, Al Hijaz area - Low oblique
11-8-16	G	L	Saudi Arabia, Trucial States, Muscat and Oman, Iran and West Pakistan in background, image degraded because of window obscuration - Very high oblique
11-8-17	G	L	Saudi Arabia, Muscat and Oman, Iran and West Pakistan in background - Very high oblique
11-8-18	G	L	Saudi Arabia, Muscat and Oman, Iran, West Pakistan, India in background - Very high oblique
11-8-19	G	M	Muscat and Oman, Arabian Sea, Iran, West Pakistan, India in background - Very high oblique
11-8-20	G	M	Arabian Sea, West Pakistan, India, Indus valley, Gulf of Kutch, Gulf of Cambay - High oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
11-8-21	G	M	Arabian Sea, Laccadive Islands, India, Ceylon - Very high oblique
11-8-22	G	M	Arabian Sea, Laccadive Islands, India, Ceylon - Very high oblique
11-8-23	G	M	Arabian Sea, Laccadive Islands, India, Ceylon, Bay of Bengal - High oblique
11-8-24	G	M	India, Ceylon, Arabian Sea, Bay of Bengal - High oblique
11-8-25	G	M	India, Ceylon, Arabian Sea, Bay of Bengal - High oblique
11-8-26	G	M	India, Ceylon, Arabian Sea, Bay of Bengal - Very high oblique
11-8-27	G	M	India, Ceylon, Bay of Bengal - High oblique
11-8-29	G	M	India, Ceylon, Arabian Sea, Bay of Bengal, image degraded because of window obscuration Very high oblique
11-8-30	G	H	Ceylon, Indian Ocean, Sumatra, Southeast Asia on horizon - Low oblique
11-8-31	G	H	Southwest tip of Ceylon, Indian Ocean, Sumatra, Southeast Asia on horizon - High oblique
11-8-32	G	H	Indian Ocean, Sumatra - High oblique
11-8-33	G	H	Indian Ocean, Sumatra - High oblique
11-8-34	G	H	Sumatra, Java, Borneo on horizon - High oblique
11-8-35	G	H	Sumatra, Java, Borneo on horizon - High oblique
11-8-36	G	H	Sumatra, Java, Borneo - Very high oblique
11-8-37	G	H	Sumatra, Java, Borneo - Very high oblique
11-8-38	G	H	Sumatra, Java, Borneo - Very high oblique
11-8-39	G	H	Sumatra, Java-to-Timor chain, Borneo, Celebes - Very high oblique
11-8-40	G	H	Sumatra, Java-to-Timor chain, Borneo, Celebes - High oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
11-8-41	G	M	Java-to-Timor chain, Borneo, Celebes, Sumatra, tip of Western Australia, Northern Territory High oblique
11-8-42	G	M	Java-to-Timor chain, Borneo, Celebes, Sumatra, tip of Western Australia, Northern Territory High oblique
11-8-43	G	M	Java-to-Timor chain, Borneo, Celebes, Sumatra, tip of Western Australia, Northern Territory High oblique
11-8-44	G	M	Java-to-Timor chain, Borneo, Celebes, Western Australia, Northern Territory - High oblique
11-8-45	G	M	Java-to-Timor chain, Borneo, Celebes, Western Australia, Northern Territory - High oblique
11-8-46	G	M	Western Australia, Northern Territory, Eighty Mile Beach to Darwin, Celebes, Bali-to-Timor chain in background - Low oblique
11-8-47	G	M	Western Australia, Northern Territory, Eighty Mile Beach to Darwin, Celebes, Bali-to-Timor chain in background - Low oblique
11-8-48	G	M	Western Australia, Northern Territory, Eighty Mile Beach to Darwin, Celebes, Bali-to-Timor chain in background - Low oblique
11-8-49	G	M	Western Australia, Northern Territory, Eighty Mile Beach to Darwin, Celebes, Sumba-to-Timor chain in background - Low oblique
11-8-50	G	M	Western Australia, Northern Territory, Eighty Mile Beach to Darwin, Celebes, Sumba-to-Timor chain in background - Low oblique
11-8-52	G	M	Australia, western half, Perth to Darwin - Very high oblique
11-8-53	G	M	Australia, western half, Perth to Darwin - Very high oblique
11-8-54	G	M	Australia, northwest quarter, Broome to Gulf of Carpentaria - Very high oblique
11-8-55	G	M	Australia, western half, Perth to Gulf of Carpentaria - Very high oblique
11-9-2	F	L	Algeria, Morocco, Mauritania, Erg Iguidi, Atlas Mountains, image degraded because of window obscuration - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
11-9-3	F	L	Algeria, Tidikelt region, Tademait Plateau, Grand Erg Occidental, image degraded because of window obscuration - Low oblique
11-9-4	G	L	Algeria, Libya, Niger, Chad, Ajjer Plateau, Marzuq Sand Plain, The Black Haruj, Gulf of Sirte in background - High oblique
11-9-5	G	L	Libya, Niger, Chad, Ajjer Plateau, Marzuq Sand Plain, The Black Haruj, Gulf of Sirte in background - High oblique
11-9-6	G	L	Libya, Niger, Chad, Marzuq Sand Plain, The Black Haruj, Tibesti Mountains, Mediterranean coast in background - High oblique
11-9-7	G	L	Libya, Chad, United Arab Republic, Sudan, Northern Tibesti Mountains, sand seas and gravel plains of Eastern Sahara - High oblique
11-9-8	G	L	Libya, United Arab Republic, Sudan, sand seas and gravel plains of Eastern Sahara - High oblique
11-9-9	G	L	United Arab Republic, Sudan, Western Desert, Nile River, Red Sea, Saudi Arabia in background High oblique
11-9-10	G	L	United Arab Republic, Sudan, Nile River, Nubian Desert, Red Sea, Saudi Arabia in background High oblique
11-9-11	G	L	Sudan, Ethiopia, French Somaliland, Somali Republic, Saudi Arabia, Yemen, South Arabia, Lake Tana, Red Sea, Gulf of Aden - High oblique
11-9-12	G	L	Sudan, Ethiopia, French Somaliland, Somali Republic, Saudi Arabia, Yemen, South Arabia, Lake Tana, Red Sea, Gulf of Aden - High oblique
11-9-13	G	M	Sudan, Ethiopia, French Somaliland, Somali Republic, Saudi Arabia, Yemen, South Arabia, Lake Tana, Red Sea, Gulf of Aden - High oblique
11-9-14	G	M	Ethiopia, French Somaliland, Somali Republic, Saudi Arabia, Yemen, South Arabia, Red Sea, Gulf of Aden - High oblique
11-9-15	G	M	Ethiopia, French Somaliland, Somali Republic, Saudi Arabia, Yemen, South Arabia, Red Sea, Gulf of Aden - High oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
11-9-16	G	M	Ethiopia, French Somaliland, Somali Republic, Saudi Arabia, Yemen, South Arabia, Red Sea, Gulf of Aden - Low oblique
11-9-17	G	L	Ethiopia, Somali Republic, Saudi Arabia, South Arabia, Gulf of Aden, Arabian Sea, Indian Ocean Low oblique
11-9-18	G	L	Ethiopia, Somali Republic, South Arabia, Gulf of Aden, Arabian Sea, Indian Ocean - Low oblique
11-9-19	G	L	Arabian Sea, Indian Ocean, tip of India and Ceylon on horizon - Low oblique
11-9-20	G	M	Indian Ocean, Southern India, Ceylon, Maldive Islands - Low oblique
11-9-21	G	M	Indian Ocean, Southern India, Ceylon, Maldive Islands - High oblique
11-9-22	G	H	Indian Ocean, Southern India, Ceylon, Maldive Islands - Very high oblique
11-9-23	G	H	Indian Ocean, Southern India, Ceylon, Maldive Islands - Very high oblique
11-9-24	G	H	Indian Ocean, Ceylon - Very high oblique
11-9-25	G	M	Indian Ocean, west of Australia - Very high oblique
11-9-26	G	M	Indian Ocean, west of Australia - Very high oblique
11-9-27	G	M	Indian Ocean, west of Australia - Very high oblique
11-9-28	G	H	Indian Ocean, Western Australia on horizon - Very high oblique
11-9-29	G	H	Indian Ocean, Western Australia, Northwest Cape on horizon - Very high oblique
11-9-37	G	M	Texas, Mexico, Rio Grande, Big Bend area, Del Rio, Eagle Pass, gulf coast, near sunrise, dark - High oblique
11-9-38	G	M	Texas, Mexico, Del Rio to Corpus Christi, gulf coast to New Orleans, near sunrise, dark High oblique
11-9-39	G	L	Texas, gulf coast, San Antonio Bay to Mobile, Galveston Bay, Houston, industrial smoke, contrails - High oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
11-9-40	G	L	Texas, Louisiana, gulf coast, Galveston to Mobile, Houston, Beaumont, Mississippi Delta Low oblique
11-9-41	G	L	Louisiana, Alabama, gulf coast, White Lake to Mobile, New Orleans, mouth of Mississippi Low oblique
11-9-42	G	L	Louisiana, Alabama, Florida, gulf coast, Grand Isle to Apalachicola, New Orleans, mouth of Mississippi - Low oblique
11-9-43	P	M	Florida, gulf coast and Atlantic coast, north of Tampa, image blurred - Low oblique
11-9-44	G	H	Florida, Georgia, gulf and Atlantic coasts, from Sarasota-Fort Pierce to north of Jacksonville, dark - High oblique
11-9-45	G	H	Florida, Georgia, gulf and Atlantic coasts, from Sarasota-Fort Pierce to north of Jacksonville, dark - High oblique
11-9-46	G	H	Florida, Georgia, gulf and Atlantic coasts from Tampa-Fort Pierce to north of Jacksonville, dark - High oblique
11-9-47	G	H	Florida, Tampa, Fort Pierce, Jacksonville, dark - High oblique
11-9-48	F	H	Florida, Cape Kennedy, very dark, last photo taken during standup EVA - Low oblique
11-9-49	G	H	Agena tethered to Gemini XI, ocean, atolls - High oblique
11-9-50	G	H	Agena tethered to Gemini XI, ocean, atolls - High oblique
11-10-1	G	M	Morocco, Ifni, Agadir, Cape Rhir, Atlas and Anti-Atlas Mountains - Nearly vertical
11-10-2	G	M	Morocco, Ifni, Algeria, Agadir, Cape Rhir, Atlas and Anti-Atlas Mountains - Nearly vertical
11-10-3	G	L	Morocco, Algeria, Hamada du Dra, Erg Iguidi, Anti-Atlas Mountains - Nearly vertical
11-10-4	G	L	Algeria, Erg Iguidi, Erg er Raoui, Oued Saoura - Nearly vertical
11-10-5	G	L	Algeria, Erg Chech, Oued Saoura, Tademait Plateau - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
11-10-6	G	L	Algeria, Ain Salah, Erg Chech, Tademait Plateau, Tidikelt region - Nearly vertical
11-10-7	G	L	Algeria, Ain Salah, Tademait Plateau, Tidikelt region - Nearly vertical
11-10-8	G	M	Algeria, Tidikelt region, Ajjer Plateau, Irrarene Dunes - Nearly vertical
11-10-9	G	L	Algeria, Libya, Ajjer Plateau, Irrarene Dunes, Telu Basalt - Nearly vertical
11-10-10	G	0	Algeria, Libya, Ghat, Ajjer Plateau, Mellet Plateau - Nearly vertical
11-10-11	G	0	Algeria, Libya, Ghat, Ajjer Plateau, Mellet Plateau, Marzuq Sand Plain - Nearly vertical
11-10-12	F	0	Libya, Northern Tibesti Mountains, Rebiana Sand Sea, Jebel Tarhuni - Nearly vertical
11-10-13	F	0	Libya, United Arab Republic, Sudan, Libyan Desert, Jebel Arkenu, Jebel Uweinat, Gilf Kebir Plateau - Nearly vertical
11-10-14	F	L	United Arab Republic, Sudan, Dongola, Wadi Halfa, Great Bend of the Nile River, Nubian Desert Nearly vertical
11-10-15	F	L	United Arab Republic, Sudan, Dongola, Wadi Halfa, Merowe, Great Bend of the Nile River, Nubian Desert, Dungunab Bay on Red Sea - Low oblique
11-10-16	G	L	Sudan, Ethiopia, Saudi Arabia, Atbara, Port Sudan, Kassala, Nile and Atbara Rivers, Red Sea Nearly vertical
11-10-17	G	L	Sudan, Ethiopia, Saudi Arabia, Kassala, Asmara, Atbara River, Red Sea, Dahlak Archipelago, Farasan Islands - Nearly vertical
11-10-18	G	M	Sudan, Ethiopia, Saudi Arabia, Yemen, Kassala, Asmara, Red Sea, Dahlak Archipelago, Farasan Islands - Nearly vertical
11-10-19	G	M	Ethiopia, Saudi Arabia, Yemen, Asmara, Assab, Red Sea, Dahlak Archipelago, Farasan Islands Nearly vertical
11-10-20	G	M	Ethiopia, French Somaliland, Somali Republic, Yemen, South Arabia, Assab, Djibouti, Aden, Lake Abbe, Red Sea, Gulf of Aden, Mandab Gate - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
11-10-21	G	L	Ethiopia, French Somaliland, Somali Republic, Yemen, South Arabia, Djibouti, Berbera, Aden, Mandab Gate, Gulf of Aden - Nearly vertical
11-10-22	G	L	Ethiopia, Somali Republic, South Arabia, Gulf of Aden, Ras Hafun, Indian Ocean - Nearly vertical
11-10-23	G	L	Ethiopia, Somali Republic, Gulf of Aden, Ras Hafun, Indian Ocean - Nearly vertical
11-10-24	G	L	Indian Ocean, clouds - Nearly vertical
11-10-25	G	L	Indian Ocean, clouds - Nearly vertical
11-10-26	G	M	Maldive Islands, Indian Ocean, clouds - Nearly vertical
11-10-27	G	M	Maldive Islands, Indian Ocean, clouds - Nearly vertical
11-10-28	G	M	Maldive Islands, Indian Ocean, clouds - Nearly vertical
11-10-29	G	M	Maldive Islands, Indian Ocean, coast of India, clouds - Nearly vertical
11-10-30	G	H	Maldive Islands, India, Ceylon, Indian Ocean, clouds - High oblique
11-10-31	G	H	Maldive Islands, India, Ceylon, Indian Ocean, clouds - High oblique
11-10-32	G	H	Clouds over Indian Ocean - Low oblique
11-10-33	G	H	Clouds over Indian Ocean - Low oblique
11-10-34	G	M	Clouds over Indian Ocean - Low oblique
11-10-35	G	M	Clouds over Indian Ocean - Low oblique
11-10-36	G	H	Clouds over Indian Ocean, west coast of Australia on horizon - High oblique
11-10-43	G	M	Agena tethered to Gemini, TDA down, Pacific Ocean off Mexico - Low oblique
11-10-44	G	M	Agena tethered to Gemini, TDA down, Pacific Ocean off Mexico - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
11-10-45	G	H	Agena tethered to Gemini, TDA down, Pacific Ocean off Mexico - Low oblique
11-10-46	G	H	Agena tethered to Gemini, TDA down, Pacific Ocean off Mexico - Low oblique
11-10-47	G	L	Agena tethered to Gemini, over Mexico, Gulf of California, Baja California at La Paz, Sinaloa near Los Mochis - Low oblique
11-10-48	G	M	Agena tethered to Gemini, over Mexico, Fresnillo, Zacatecas area - Low oblique
11-10-49	G	L	Agena tethered to Gemini, over Mexico, Fresnillo, Zacatecas, Aguascalientes area - Low oblique
11-11-6	G	0	United Arab Republic, Israel, Saudi Arabia, Jordon, Lebanon, Syria, Iraq, fire on Trans-Arabian pipeline - Low oblique
11-11-8	G	0	United Arab Republic, Saudi Arabia, Lunayyir lava field, Northern Red Sea - Low oblique
11-11-9	P	0	Saudi Arabia, near Ar Riyad - Low oblique
11-11-10	F	0	Saudi Arabia, Trucial States, Muscat and Oman, Empty Quarter, Iran, West Pakistan in background Low oblique
11-11-11	G	L	Arabian Sea, West Pakistan, India in background - High oblique
11-11-13	G	L	India, Gulf of Kutch, Gulf of Cambay - Low oblique
11-11-14	G	L	India, Ceylon, Laccadive Islands, Arabian Sea - Low oblique
11-11-15	G	L	India, Mysore, Pradesh, Madras and Kerala States - Low oblique
11-11-16	G	M	India, central and northern portions, Tibet on horizon - Low oblique
11-11-17	G	M	India, south from Hyderabad, part of Ceylon, Bay of Bengal - Low oblique
11-11-18	G	M	India, south from Hyderabad, part of Ceylon, Bay of Bengal - Low oblique
11-11-19	G	M	India, southern and eastern portion, part of Ceylon, Bay of Bengal, Himalayas, Tibet on horizon - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
11-11-20	G	H	Indian Ocean, clouds - Low oblique
11-11-21	G	H	Indian Ocean, clouds - Low oblique
11-11-22	G	H	Sumatra, Malaya, clouds - Low oblique
11-11-23	G	H	Sumatra, Malaya, clouds - Low oblique
11-11-24	G	H	Sumatra, Java, Borneo, clouds - High oblique
11-11-25	G	H	Sumatra, Java, Borneo, Celebes, clouds - High oblique
11-11-26	G	H	Sumatra, Java, Borneo, clouds - High oblique
11-11-27	G	M	Sumatra, Java, Borneo, Celebes, clouds - Low oblique
11-11-28	G	M	Java, Bali, Lombok - Low oblique
11-11-29	G	M	Java, Bali, Lombok - Low oblique
11-11-30	G	M	Java, Bali, Lombok, Sumbawa - Low oblique
11-11-31	G	L	Western Australia, Eighty Mile Beach to Admiralty Gulf, Great Sandy Desert - Nearly vertical
11-11-32	G	L	Western Australia, Eighty Mile Beach to Joseph Bonaparte Gulf, Kimberley Plateau, Great Sandy Desert - Nearly vertical
11-11-33	G	L	Western Australia, Eighty Mile Beach to Joseph Bonaparte Gulf, Kimberley Plateau, Great Sandy Desert - Nearly vertical
11-11-34	G	L	Western Australia, Eighty Mile Beach to Joseph Bonaparte Gulf, Kimberley Plateau, Great Sandy Desert - Nearly vertical
11-11-36	G	L	Western Australia, Eighty Mile Beach to Joseph Bonaparte Gulf, Kimberley Plateau, Great Sandy Desert - Nearly vertical
11-11-37	G	L	Western Australia, Eighty Mile Beach to Joseph Bonaparte Gulf, Kimberley Plateau, Great Sandy Desert - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
11-11-38	G	M	Western Australia, Northern Territory, King Sound to Gulf of Carpentaria - Low oblique
11-11-39	G	M	Timor Sea, Indonesian Islands, Timor to Java, Borneo and Celebes, Scott Reef, Bonaparte Archipelago - High oblique
11-11-40	G	L	Western Australia, Northern Territory, Roebuck Bay to Darwin, Kimberley Plateau - Nearly vertical
11-11-41	G	L	Western Australia, Northern Territory, Roebuck Bay to Darwin, Kimberley Plateau - Nearly vertical
11-11-42	G	L	Western Australia, Northern Territory, Roebuck Bay to Darwin, Kimberley Plateau - Nearly vertical
11-11-43	G	L	Western Australia, Northern Territory, King Sound to Van Diemen Gulf, Kimberley Plateau Nearly vertical
11-12-3	F	M	Peru, fog-shrouded coastline from Punta Chala to Rio Ocona, western slope of Andes - Nearly vertical
11-12-4	G	M	Peru, Arequipa, fog-shrouded coastline from Rio Atico to Rio Tambo, Laguna Salinas, Volcano Misti, Nevado Chachani - Nearly vertical
11-12-5	G	M	Peru, Arequipa, fog-shrouded coastline from Punta Chala to Rio Tambo, Laguna Salinas, Volcano Misti, Nevado Chachani - Nearly vertical
11-12-6	G	M	Peru, Chile, Bolivia, La Paz beneath clouds, Lake Titicaca, Rio Desaquadero, Cordillera Real Nearly vertical
11-12-7	G	L	Bolivia, Sucre, Santa Cruz, Cordillera Oriental, Rio Grande, Rio Parapeti - Nearly vertical
11-12-8	P	L	Bolivia, Paraguay, Gran Chaco, edge of Cordillera Oriental, Rio Grande, Rio Parapeti, hazy Low oblique
11-12-12	F	M	East Pakistan, India, Bhutan, Sikkim, Himalayas, Mount Everest, Brahmaputra River, Tibetan Highlands, Ganges Plain in background - Very high oblique
11-12-13	F	L	Western Australia, Eighty Mile Beach, Great Sandy Desert, Percival Lakes and Lake Disappointment, Fitzroy River - Very high oblique

GEMINI XII

CAMERA: Hasselblad Super Wide Angle 70mm
J.A. Maurer 70mm Space Camera

LENS: Zeiss Biogon 38mm F.L.; F-4.5, Rolls 8,11,17
Xenotar 80mm F.L.; F=2.8, Roll 10

FILM TYPE: Eastman Kodak Ektachrome MS (SO 368)
70mm Width, 55x55mm Format

DATE: November 11-15, 1966

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
12-8-32	F	M	Southern Florida, Bahama Islands, Cuba - High oblique
12-8-33	F	M	Southern Florida, Bahama Islands, Cuba - High oblique
12-8-34	F	M	Southern Florida, Bahama Islands, Cuba - Very high oblique
12-8-35	F	M	Southern Florida, Bahama Islands, Cuba - Very high oblique
12-8-36	F	M	Southern Florida, Bahama Islands, Cuba - Very high oblique
12-8-37	F	M	Southern Florida, Bahama Islands, Cuba - Very high oblique
12-8-38	F	M	Southern Florida, Bahama Islands, Cuba - Very high oblique
12-8-39	F	M	Southern Florida, Bahama Islands, Cuba - Very high oblique
12-8-40	F	M	Southern Florida, Bahama Islands, Cuba - Very high oblique
12-8-41	F	0	Texas, Mexico, Del Rio, Eagle Pass, Edwards Plateau, Big Bend, Rio Grande, Serrania del Burro, Sierra Madre Oriental - Nearly vertical
12-8-42	F	0	Texas, Mexico, Del Rio, Eagle Pass, Laredo, Edwards Plateau, Big Bend, Rio Grande, Serrania del Burro, Sierra Madre Oriental - Nearly vertical
12-8-43	F	L	Texas, San Antonio, Austin, Corpus Christi, Edwards Plateau, Balcones Escarpment, gulf coast, Matagorda Bay - Nearly vertical
12-8-44	F	M	Texas, Corpus Christi, gulf coast from Baffin Bay to Matagorda Bay, Interstate 10 at Columbus Low oblique
12-8-45	F	H	Texas, gulf coast at Matagorda Bay, Interstate 10 at Columbus - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
12-8-46	F	L	Florida, Tampa, St. Petersburg, Fort Myers, Palm Beach, Cape Kennedy, Lake Okeechobee - Low oblique
12-8-47	F	L	Florida, Tampa, St. Petersburg, Fort Myers, Palm Beach, Miami, Keys, Lake Okeechobee, Everglades - Low oblique
12-8-48	F	M	Florida, Cape Kennedy, Palm Beach, Orlando - Low oblique
12-8-49	F	M	Florida, Cape Kennedy, Orlando - Low oblique
12-8-50	P	M	Florida, Cape Kennedy, underexposed - Low oblique
12-8-51	P	M	Bahama Islands, underexposed - Low oblique
12-8-53	F	M	Mexico, Guaymas, Baja California, Gulf of California - High oblique
12-8-54	F	M	Mexico, Guaymas, Baja California, Gulf of California - Very high oblique
12-8-55	F	L	Mexico, Guaymas, Baja California, Gulf of California - Very high oblique
12-8-56	F	L	Mexico, Guaymas, Baja California, Gulf of California - Very high oblique
12-8-59	F	M	Indonesia, Islands of Alor, Wetar, Timor, Babar, Jamdena, Bandar Sea - Very high oblique
12-8-60	F	M	Indonesia, Islands of Alor, Wetar, Timor, Babar, Jamdena, Bandar Sea - Very high oblique
12-8-61	F	M	Indonesia, Islands of Alor, Wetar, Timor, Babar, Jamdena, Bandar Sea - Very high oblique
12-8-62	F	M	Clouds over Pacific Ocean - Very high oblique
12-8-63	F	M	Clouds over Pacific Ocean - Very high oblique
12-8-64	F	M	Clouds over Pacific Ocean - Very high oblique
12-8-65	F	M	Clouds over Pacific Ocean - Very high oblique
12-8-67	G	H	Clouds over Pacific Ocean - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
12-8-68	G	H	Clouds over Pacific Ocean - Very high oblique
12-8-69	G	H	Clouds over Pacific Ocean - Very high oblique
12-8-70	G	H	Clouds over Pacific Ocean - Very high oblique
12-8-71	G	H	Clouds over Pacific Ocean - Very high oblique
12-8-75	G	M	Clouds over Pacific Ocean - Very high oblique
12-8-76	G	M	Clouds over Pacific Ocean - Very high oblique
12-8-77	G	M	Clouds over Pacific Ocean - Very high oblique
12-8-78	G	M	Clouds over Pacific Ocean - Very high oblique
12-8-79	G	M	Clouds over Pacific Ocean - Very high oblique
12-8-80	G	M	Clouds over Pacific Ocean - Very high oblique
12-8-81	G	M	Clouds over Pacific Ocean - Very high oblique
12-8-82	F	L	Mauritania, Mali, Dhar Adrar, Richat Structure, Aouker Basin, El Djouf Desert - Very high oblique
12-8-83	G	L	Mauritania, Mali, Dhar Adrar, Richat Structure, Aouker Basin, El Djouf Desert - Low oblique
12-8-84	G	L	Mauritania, Mali, Dhar Adrar, Richat Structure, Aouker Basin, El Djouf Desert - High oblique
12-8-85	G	L	Mauritania, Mali, Dhar Adrar, Richat Structure, Aouker Basin, El Djouf Desert - High oblique
12-8-86	G	L	Mauritania, Mali, Dhar Adrar, Richat Structure, Aouker Basin, El Djouf Desert - Low oblique
12-8-87	G	L	Mauritania, Mali, Dhar Adrar, Richat Structure, Aouker Basin, El Djouf Desert - High oblique
12-8-88	G	L	Mauritania, Mali, Spanish Sahara, Dhar Adrar, El Hank Bluffs, Erg Iguidi, Erg Chech, Yetti plains, south edge Tindouf Basin - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
12-8-89	G	L	Algeria, Tifernine, Irrarene Dunes, Ajjer Plateau, Ahaggar Mountains - Nearly vertical
12-8-90	G	L	Algeria, Libya, Tifernine, Irrarene Dunes, Ajjer Plateau, Ahaggar Mountains - Nearly vertical
12-8-91	G	L	United Arab Republic, Cairo, Gulf of Suez, Nile River, El Faiyum depression, Nile Delta Nearly vertical
12-8-92	G	L	United Arab Republic, Saudi Arabia, Nile River, Gulf of Suez, Gulf of Aqaba, Red Sea, Sinai Peninsula - Nearly vertical
12-8-93	G	L	United Arab Republic, Saudi Arabia, Nile River, Gulf of Suez, Gulf of Aqaba, Red Sea, Sinai Peninsula - Low oblique
12-8-94	G	L	United Arab Republic, Saudi Arabia, Sudan, Nile River, Gulf of Suez, Gulf of Aqaba, Red Sea, Sinai Peninsula - Low oblique
12-8-95	G	L	United Arab Republic, Saudi Arabia, Sudan, Nile River, Gulf of Suez, Gulf of Aqaba, Red Sea, Sinai Peninsula - High oblique
12-8-96	G	L	United Arab Republic, Saudi Arabia, Sudan, Nile River, Gulf of Suez, Gulf of Aqaba, Red Sea, Sinai Peninsula - High oblique
12-8-97	G	L	United Arab Republic, Saudi Arabia, Sudan, Red Sea - High oblique
12-8-98	G	0	Iran, Persian Gulf, Zagros Mountains, excellent display of anticlinal mountains - Nearly vertical
12-8-99	G	0	Iran, Persian Gulf, Qeshm Island, Zagros Mountains, excellent display of anticlinal mountains Nearly vertical
12-8-100	G	0	Iran, Trucial States, Muscat and Oman, Persian Gulf, Strait of Hormuz, Qeshm Island, Zagros Mountains, excellent display of anticlinal mountains - Nearly vertical
12-8-101	G	0	Iran, Trucial States, Muscat and Oman, Pakistan, Persian Gulf, Strait of Hormuz, Makran Mountains - Nearly vertical
12-8-107	F	H	Guadalupe Island, von Karman eddies in lee of island, Baja California, Mexico in background, underexposed - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
12-8-108	F	H	Guadalupe Island, von Karman eddies in lee of island, Baja California, Mexico in background, underexposed - Low oblique
12-8-109	G	H	Von Karman eddies in lee of Guadalupe Island - Low oblique
12-8-110	G	H	Von Karman eddies in lee of Guadalupe Island - Low oblique
12-8-111	G	M	Texas, Mexico, Gulf Coastal Plain from Padre Island east - Very high oblique
12-8-112	G	L	Agena on tether, Texas, Louisiana, Oklahoma, Arkansas, San Antonio, Austin, Waco, Houston Low oblique
12-8-113	G	L	Agena on tether, Texas, Louisiana, Oklahoma, Arkansas, San Antonio, Austin, Waco, Houston, gulf coast, Matagorda Bay - Low oblique
12-8-114	G	L	Agena on tether, Texas, Louisiana, Oklahoma, Arkansas, San Antonio, Austin, Waco, Houston, gulf coast, Matagorda Bay - Low oblique
12-8-115	G	L	Agena on tether, Texas, Louisiana, Oklahoma, Arkansas, Austin, Waco, Houston, gulf coast, Matagorda Bay - Low oblique
12-8-116	G	L	Agena on tether, Texas, Louisiana, Oklahoma, Arkansas, Austin, Waco, Houston, gulf coast, Matagorda Bay - Low oblique
12-8-117	G	L	Agena on tether, Texas, Louisiana, Oklahoma, Arkansas, Waco, Houston, gulf coast, Matagorda Bay, Red River, Mississippi Valley - Low oblique
12-8-118	G	M	Agena on tether, Texas, Louisiana, Oklahoma, Arkansas, Houston, gulf coast, Matagorda Bay, Red River, Mississippi Valley - Low oblique
12-8-119	G	M	Agena on tether, Texas, Louisiana, Oklahoma, Arkansas, Houston, gulf coast, Matagorda Bay, Red River, Mississippi Valley - Low oblique
12-8-120	G	M	Agena on tether, Texas, Louisiana, San Antonio, Austin, Houston, Beaumont, gulf coast, Matagorda Bay, Edwards Plateau - Low oblique
12-8-121	G	M	Agena on tether, Texas, Louisiana, San Antonio, Austin, Houston, Beaumont, gulf coast, Matagorda Bay, Edwards Plateau - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
12-8-132	G	M	Agena on tether, Mexico, Baja California Sur, Sinaloa - Very high oblique
12-8-133	G	M	Agena on tether, Mexico, Baja California Sur, Sinaloa - Very high oblique
12-8-134	G	M	Agena on tether, Mexico, Baja California Sur, Sinaloa - Very high oblique
12-8-135	G	M	Agena on tether, Mexico, Baja California Sur, Sinaloa - Very high oblique
12-8-136	G	M	Agena on tether, Mexico, Durango-San Luis Potosi-Guadalajara area - Very high oblique
12-8-137	G	M	Agena on tether, Mexico, Durango-San Luis Potosi-Guadalajara area - Very high oblique
12-8-138	G	M	Agena on tether, Mexico, Durango-San Luis Potosi-Guadalajara area - Very high oblique
12-8-144	G	L	United Arab Republic, Saudi Arabia, Sudan, Nile River, Red Sea, jetstream clouds - Very high oblique
12-8-145	G	L	United Arab Republic, Saudi Arabia, Sudan, Nile River, Red Sea, jetstream clouds - Very high oblique
12-8-146	G	L	United Arab Republic, Saudi Arabia, Sudan, Nile River, Red Sea, jetstream clouds - Very high oblique
12-8-147	G	L	United Arab Republic, Saudi Arabia, Sudan, Nile River, Red Sea, jetstream clouds - Very high oblique
12-8-148	G	L	United Arab Republic, Saudi Arabia, Sudan, Nile River, Red Sea, jetstream clouds - High oblique
12-8-149	G	L	United Arab Republic, Saudi Arabia, Sudan, Nile River, Red Sea, jetstream clouds - Low oblique
12-8-150	G	L	United Arab Republic, Saudi Arabia, Sudan, Nile River, Red Sea, jetstream clouds - High oblique
12-10-9	G	H	Agena, range 55 ft., excellent side view, stereo - High oblique
12-10-18	G	M	Major Aldrin, extravehicular activity, Florida and Bahamas in background - Very high oblique
12-10-45	G	L	California, Arizona, New Mexico, Nevada, Utah, Colorado, Grand Canyon, Colorado River, Death Valley, Lake Mead - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
12-10-46	G	L	Arizona, New Mexico, Mexico, Tucson, Phoenix, Sonoran Desert, Mogollon Rim, Painted Desert Low oblique
12-10-47	G	L	Arizona, New Mexico, Mexico, Chihuahuan Desert, Rio Grande, Sierra Madre Occidental, Painted Desert - Low oblique
12-10-48	G	L	Arizona, New Mexico, Texas, Mexico, Chihuahuan Desert, Rio Grande, White Sands, Painted Desert, Rocky Mountains - High oblique
12-11-15	G	M	Agena on tether, Mexico, Baja California Sur - Low oblique
12-11-16	G	M	Agena on tether, Mexico, Pacific coast at Manzanillo, note long cloud shadows - Nearly vertical
12-11-17	G	M	Agena on tether, Mexico, Pacific coast at Manzanillo, note long cloud shadows - Nearly vertical
12-11-20			Earth limb at sunset
12-11-35	G	M	Southern end of Maldive Islands - High oblique
12-11-36	F	M	Andaman Islands, Bay of Bengal - Low oblique
12-11-37	G	L	Burma, mouths of Irrawaddy and Salween Rivers - High oblique
12-11-38	G	L	Burma, mouths of Irrawaddy and Salween Rivers - Very high oblique
12-11-39	G	L	Burma, mouths of Irrawaddy and Salween Rivers - Very high oblique
12-11-40	G	L	Burma, mouths of Irrawaddy and Salween Rivers - High oblique
12-11-73	G	M	Florida, Bahama Islands, north coast of Cuba - Low oblique
12-11-75	G	M	Arizona, New Mexico, Mexico, Gulf of California, Baja California, Sonora, Chihuahua - Very high oblique
12-11-76	G	M	Arizona, New Mexico, Mexico, Gulf of California, Baja California, Sonora, Chihuahua, contrail and shadow along coast - Very high oblique
12-11-77	G	L	Arizona, New Mexico, Mexico, Texas, Phoenix-El Paso-Presidio Panorama - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
12-11-78	G	L	Arizona, New Mexico, Mexico, Texas, Phoenix-El Paso-Carlsbad Panorama - Very high oblique
12-11-79	G	M	Mexico, Texas, Big Bend, Northern Sierra Madre Oriental, Glass Mountains, El Solitario, Marathon Uplift, Rio Grande - Very high oblique
12-11-80	G	M	Mexico, Texas, Big Bend, Northern Sierra Madre Oriental, Glass Mountains, El Solitario, Marathon Uplift, Rio Grande - Very high oblique
12-11-81	G	L	Texas, Louisiana, Oklahoma, Arkansas, San Antonio, Corpus Christi, Houston, Fort Worth-Dallas, Edwards Plateau, Gulf Coastal Plain - High oblique
12-11-82	G	L	Texas, Louisiana, Oklahoma, Arkansas, San Antonio, Corpus Christi, Houston, Fort Worth-Dallas, Edwards Plateau, Gulf Coastal Plain - High oblique
12-11-83	G	L	Texas, Louisiana, Oklahoma, Arkansas, San Antonio, Corpus Christi, Houston, Fort Worth-Dallas, Edwards Plateau, Gulf Coastal Plain - High oblique
12-11-84	G	L	Texas, Louisiana, Oklahoma, Arkansas, San Antonio, Corpus Christi, Houston, Fort Worth-Dallas, Edwards Plateau, Gulf Coastal Plain - High oblique
12-11-85	G	L	Texas, Louisiana, Oklahoma, Arkansas, Austin, Waco, Shreveport, Beaumont, Houston, Edwards Plateau, Gulf Coastal Plain, Red River - High oblique
12-11-86	G	L	Texas, Louisiana, Oklahoma, Arkansas, Austin, Waco, Shreveport, Beaumont, Houston, Edwards Plateau, Gulf Coastal Plain, Red River - Low oblique
12-11-87	G	L	Texas, Louisiana, Arkansas, Houston, Beaumont, Gulf Coastal Plain from Matagorda Bay to Mississippi Delta, MSC area astrodome - High oblique
12-11-88	G	L	Texas, Louisiana, Arkansas, Houston, Beaumont, Gulf Coastal Plain from Matagorda Bay to Mississippi Delta, MSC area astrodome - High oblique
12-11-89	G	L	Texas, Louisiana, Arkansas, Houston, Beaumont, Gulf Coastal Plain from Matagorda Bay to Mississippi Delta, MSC area astrodome - High oblique
12-11-90	G	L	Texas, Louisiana, Arkansas, Houston, Beaumont, Gulf Coastal Plain from Matagorda Bay to Mississippi Delta, MSC area astrodome - High oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
12-11-91	G	L	Texas, Louisiana, Arkansas, Houston, Beaumont, Gulf Coastal Plain from Matagorda Bay to Mississippi Delta, MSC area astrodome - Low oblique
12-11-92	G	L	Texas, Louisiana, Arkansas, Houston, Beaumont, Gulf Coastal Plain from Matagorda Bay to Mississippi Delta, MSC area astrodome - Low oblique
12-11-93	G	L	Texas, Louisiana, Arkansas, Houston, Beaumont, Gulf Coastal Plain from Matagorda Bay to Mississippi Delta, MSC area astrodome - Low oblique
12-11-94	G	L	Texas, Louisiana, Arkansas, Houston, Beaumont, Gulf Coastal Plain from Matagorda Bay to Mississippi Delta, MSC area astrodome - Low oblique
12-11-95	G	L	Texas, Louisiana, Houston, Beaumont, Gulf Coastal Plain from White Lake to Corpus Christi Low oblique
12-11-96	G	L	Texas, Louisiana, Houston, Beaumont, Gulf Coastal Plain from Cameron to Brownsville - High oblique
12-11-97	G	L	Texas, Louisiana, Houston, Beaumont, Gulf Coastal Plain from Cameron to Brownsville - High oblique
12-11-98	G	L	Texas, Louisiana, Houston, Beaumont, Gulf Coastal Plain from Cameron to Brownsville - High oblique
12-11-99	G	L	Texas, Louisiana, Houston, Beaumont, Gulf Coastal Plain from Cameron to Brownsville - Very high oblique
12-11-100	G	M	Florida, Orlando, Cape Kennedy - Nearly vertical
12-11-101	G	M	Florida, Orlando, Cape Kennedy - Nearly vertical
12-11-102	G	H	Florida, Orlando, Cape Kennedy - Nearly vertical
12-11-104	G	L	Mexico, Baja California from Angel de la Guarda to Santa Rosalia, cloud-covered mainland, sun glint - Low oblique
12-11-105	G	M	Mexico, Baja California from Angel de la Guarda to Santa Rosalia, cloud-covered mainland, sun glint - Nearly vertical

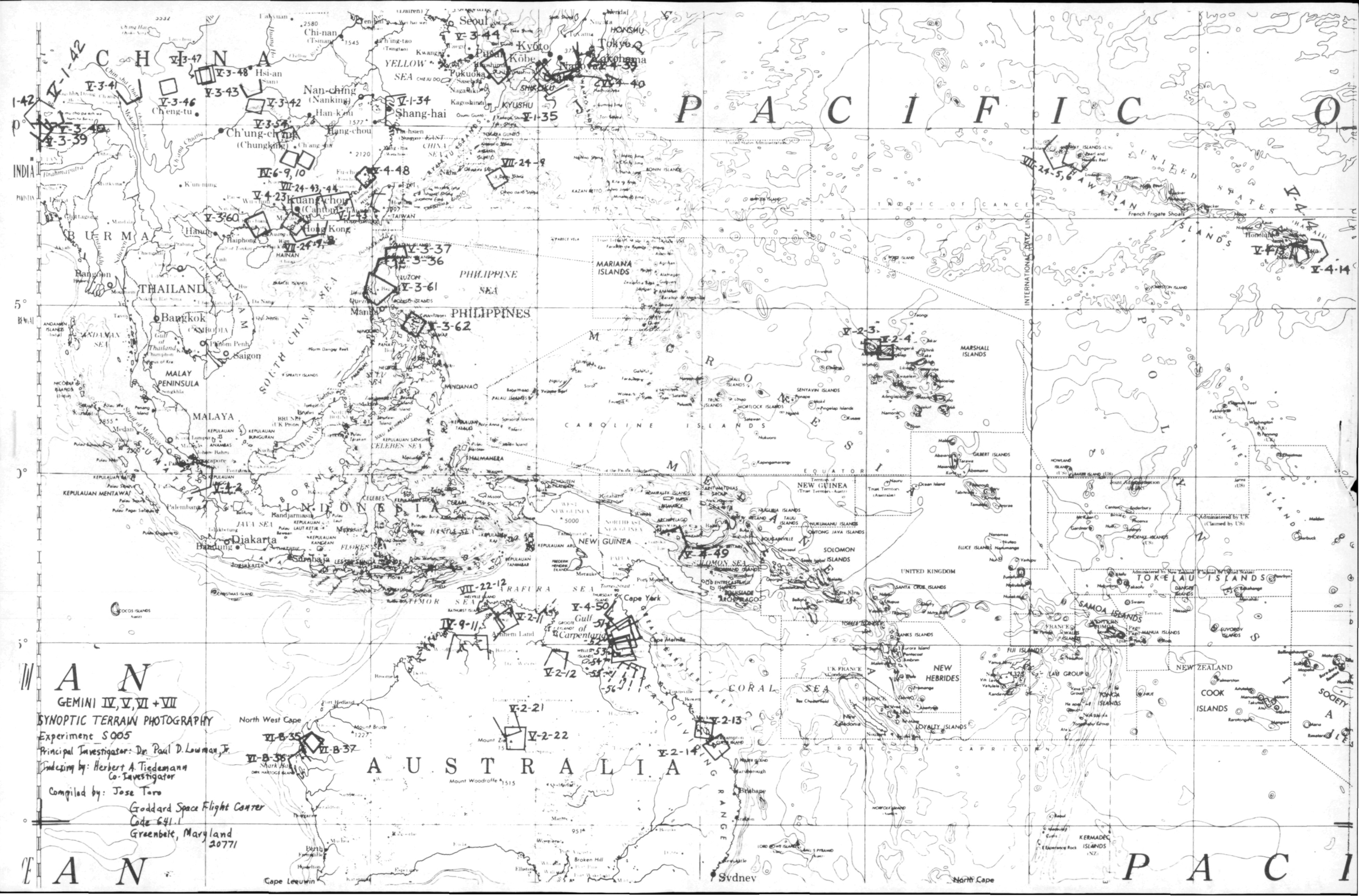
PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
12-11-106	G	M	Mexico, Baja California from Angel de la Guarda to Santa Rosalia, cloud-covered mainland, sun glint - Nearly vertical
12-11-107	G	M	Mexico, Baja California from Angel de la Guarda to Santa Rosalia, cloud-covered mainland, sun glint - Nearly vertical
12-11-108	G	M	Mexico, Baja California from Angel de la Guarda to Santa Rosalia, cloud-covered mainland, sun glint - Nearly vertical
12-11-109	G	M	Mexico, Baja California from Angel de la Guarda to Santa Rosalia, cloud-covered mainland, sun glint - Nearly vertical
12-11-110	G	H	Mexico, Baja California from Angel de la Guarda to Santa Rosalia, cloud-covered mainland, sun glint - Nearly vertical
12-11-111	G	H	Mexico, Baja California from Angel de la Guarda to Santa Rosalia, cloud-covered mainland, sun glint - Nearly vertical
12-11-112	G	M	Mexico, Baja California from Punta Eugenia to La Paz, cloud-covered mainland, sun glint - High oblique
12-11-113	G	M	Mexico, Baja California from Punta Eugenia to La Paz, cloud-covered mainland, sun glint - High oblique
12-11-114	G	M	Mexico, Baja California from Punta Eugenia to La Paz, cloud-covered mainland, sun glint - Low oblique
12-11-115	G	M	Mexico, Texas, Chihuahua, Presidio, Sierra Madre Occidental, Big Bend, El Solitario, Rio Grande Southern Basin and Range - Nearly vertical
12-11-116	G	H	Mexico, Texas, valleys of Nueces and Frio Rivers, Rio Grande, Falcon Reservoir - Nearly vertical
12-11-117	G	L	Mexico, Texas, gulf coast, Laguna Madre, Corpus Christi, Matagorda Bay - Nearly vertical
12-11-118	G	L	Mexico, Texas, gulf coast, Laguna Madre, Corpus Christi, Matagorda Bay - Nearly vertical
12-11-119	G	L	Mexico, Texas, gulf coast, Laguna Madre, Corpus Christi, Matagorda Bay - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
12-11-120	G	L	Mexico, Texas, gulf coast, Laguna Madre, Corpus Christi, Matagorda Bay - Nearly vertical
12-11-121	G	L	Texas, Louisiana, Oklahoma, Arkansas, gulf coast from Matagorda Bay to Mississippi Delta High oblique
12-11-122	G	L	Texas, Louisiana, Oklahoma, Arkansas, gulf coast from Matagorda Bay to Mississippi Delta High oblique
12-11-123	G	M	Florida, Keys, Cay Sal Bank, Florida Straits - Low oblique
12-11-124	P	M	Cuba, La Habana, Pinar del Rio, Matanzas, Las Villas Provinces - Nearly vertical
12-11-125	P	L	Cuba, La Habana, Pinar del Rio, Matanzas, Las Villas Provinces - Nearly vertical
12-11-126	P	L	Central Cuba, Bahama Bank - Nearly vertical
12-11-127	F	L	Cuba, Oriente, Camaguey Provinces - Low oblique
12-11-128	F	M	Cuba, Oriente, Camaguey Provinces, Jamaica - High oblique
12-11-129	F	M	Cuba, Oriente, Camaguey Provinces, Jamaica - High oblique
12-11-130	P	M	Bahama Islands, Great Inagua, Acklins, Mayaguana, The Caicos - Low oblique
12-11-131	P	M	Bahama Islands, Great Inagua, Acklins, Mayaguana, The Caicos - Low oblique
12-11-132	P	M	Bahama Islands, Great Inagua, Grand Turk, Mayaguana, The Caicos - Low oblique
12-11-137	G	M	Hawaiian Islands, Midway, Kure, Pearl and Hermes Reef - Very high oblique
12-11-138	G	M	Hawaiian Islands, Midway, Kure, Pearl and Hermes Reef - High oblique
12-11-139	G	M	Hawaiian Islands, Pearl and Hermes Reef, Salmon Bank - Low oblique
12-11-140	G	M	Hawaiian Islands, Pearl and Hermes Reef, Salmon Bank, Midway, Kure - Very high oblique
12-11-141	G	L	United Arab Republic, Saudi Arabia, Sudan, Red Sea, jetstream clouds - Very high oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
12-11-142	G	L	Iran, Trucial States, Muscat and Oman, Qeshm Island, Gulf of Oman, Persian Gulf, Zagros Mountains, Makran Ranges - Low oblique
12-11-143	G	L	Mauritania, Spanish Sahara, Algeria, Erg Iguidi, Yetti Plains, south edge of Tindouf Basin Very high oblique
12-11-145	F	H	Benard cells over Pacific Ocean - Very high oblique
12-11-146	F	H	Benard cells over Pacific Ocean - Very high oblique
12-11-147	G	L	Libya, Algeria, Hamada el Hamra, Tiririne Dunes, Grand Erg Oriental, note contrail and shadow Nearly vertical
12-17-14	G	M	Docked to Agena, hatch open, Mexico, Baja California - Very high oblique
12-17-15	G	M	Docked to Agena, hatch open, Mexico, Baja California - Very high oblique
12-17-16	G	M	Docked to Agena, hatch open, Mexico, Baja California - Very high oblique
12-17-17	G	M	Docked to Agena, hatch open, Mexico, west coast from Culiacan to Manzanillo - Very high oblique
12-17-18	G	M	Docked to Agena, hatch open, Mexico, west coast from Culiacan to Manzanillo - Very high oblique
12-17-19	G	M	Docked to Agena, hatch open, Mexico, west coast from Culiacan to Manzanillo - Very high oblique
12-17-20	G	M	Docked to Agena, hatch open, Mexico, west coast north of Manzanillo - Very high oblique
12-17-21	G	M	Docked to Agena, hatch open, Mexico, Mexico City, Puebla, neo-volcanic plateau, Lago de Chapala - High oblique
12-17-22	G	M	Docked to Agena, hatch open, Mexico, Mexico City, Puebla, neo-volcanic plateau, Lago de Chapala - Low oblique
12-17-23	G	M	Docked to Agena, hatch open, Mexico, Central and Eastern Mexico, north of Leon, Coahuila Basin, Sierra Madre Occidental and Oriental - High oblique
12-17-24	G	M	Docked to Agena, hatch open, Mexico, Mexico City, Puebla, neo-volcanic plateau - Low oblique

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
12-17-25	G	M	Docked to Agena, hatch open, Mexico, Isthmus of Tehuantepec, Yucatan Peninsula - High oblique
12-17-26	G	M	Docked to Agena, hatch open, Mexico, Yucatan Peninsula, Yucatan Channel - High oblique
12-17-27	G	M	Docked to Agena, hatch open, Gulf of Mexico, U.S. gulf coast - High oblique
12-17-28	G	H	Docked to Agena, hatch open, Gulf of Mexico, U.S. gulf coast - High oblique
12-17-29	G	H	Docked to Agena, hatch open, Gulf of Mexico, U.S. gulf coast - High oblique
12-17-30	G	H	Docked to Agena, hatch open, Gulf of Mexico, U.S. gulf coast - High oblique
12-17-31	G	M	Docked to Agena, hatch open, Florida - High oblique
12-17-32	G	M	Docked to Agena, hatch open, Florida - High oblique
12-17-33	G	M	Docked to Agena, hatch open, Florida - Low oblique
12-17-34	G	M	Docked to Agena, hatch open, Florida, Bahama Islands - Low oblique
12-17-35	G	M	Docked to Agena, hatch open, Florida, Bahama Islands - High oblique
12-17-36	G	M	Docked to Agena, hatch open, Florida, Bahama Islands - High oblique
12-17-37	G	M	Docked to Agena, hatch open, Florida, Bahama Islands - High oblique
12-17-38	G	M	Docked to Agena, hatch open, Florida, Bahama Islands - High oblique
12-17-39	G	H	Docked to Agena, hatch open, Florida, Bahama Islands - High oblique
12-17-40	G	H	Docked to Agena, hatch open, Florida - Very high oblique
12-17-41	G	H	Docked to Agena, hatch open, Florida - High oblique
12-17-42	G	L	Docked to Agena, hatch open, Florida, Bahama Islands, Miami Keys - Nearly vertical
12-17-43	G	L	Docked to Agena, hatch open, Bahama Islands - Nearly vertical

PHOTO FRAME NUMBER	PICTURE QUALITY	CLOUD COVER	GEMINI SYNOPTIC PHOTOGRAPHY LOCATION AND DESCRIPTION
12-17-44	G	L	Docked to Agena, hatch open, Bahama Islands - Nearly vertical
12-17-45	G	M	Docked to Agena, hatch open, clouds, ocean - Very high oblique
12-17-46	G	M	Docked to Agena, hatch open, clouds, ocean - Very high oblique
12-17-47	G	H	Docked to Agena, hatch open, clouds, ocean - High oblique
12-17-48	G	H	Docked to Agena, hatch open, clouds, ocean - Low oblique
12-17-67	G	L	Docked to Agena, hatch open, Mexico, west coast north of Culiacan, Sierra Madre Oriental, Baja California - Low oblique
12-17-68	G	L	Docked to Agena, hatch open, Mexico, west coast north of Mazatlan, Sierra Madre Oriental, Baja California - Low oblique
12-17-69	F	L	Docked to Agena, hatch open, Mexico, west coast north of Cabo Corrientes, Sierra Madre Oriental, Baja California - Low oblique
12-17-70	G	L	Docked to Agena, hatch open, Mexico, west coast from Culiacan to head of Gulf of California, Sierra Madre Oriental, Baja California - High oblique


GEMINI IV, V, VI + VII
SYNOPTIC TERRAIN PHOTOGRAPHY
Experiment S005
Principal Investigator: Dr. Paul D. Lowman, Jr.
Indexing by: Herbert A. Tiedemann
Co-Investigator
Compiled by: Jose Toro
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CAROLINE ISLANDS
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NEW HEBRIDES
FIJI ISLANDS
TONGA ISLANDS
SAMOA ISLANDS
COOK ISLANDS
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Hanoi
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Manila
Diakarta
Cape York
Gulf of Carpentaria
Cape Melville
Cape Leeuwin
North West Cape
Sydney
Brisbane
Perth
Darwin
Broken Hill
Mount Woodroffe
Mount Bruce
Mount Zeil
Port Hedland
Cape Londonderry
Cape Naturaliste
North Cape
Honolulu
French Frigate Shoals
Midway Islands (US)
Wake Island
Guam
Iwo Jima
Okinawa
Kyushu
Honshu
Formosa
Hainan
Luzon
Mindanao
Borneo
Celebes
Timor
Halmahera
Sumatra
Java
Malay Peninsula
Kepulauan Mentawai
Kepulauan Anambas
Kepulauan Natuna
Kepulauan Tambelan
Kepulauan Bunguran
Kepulauan Sangihe
Kepulauan Talaud
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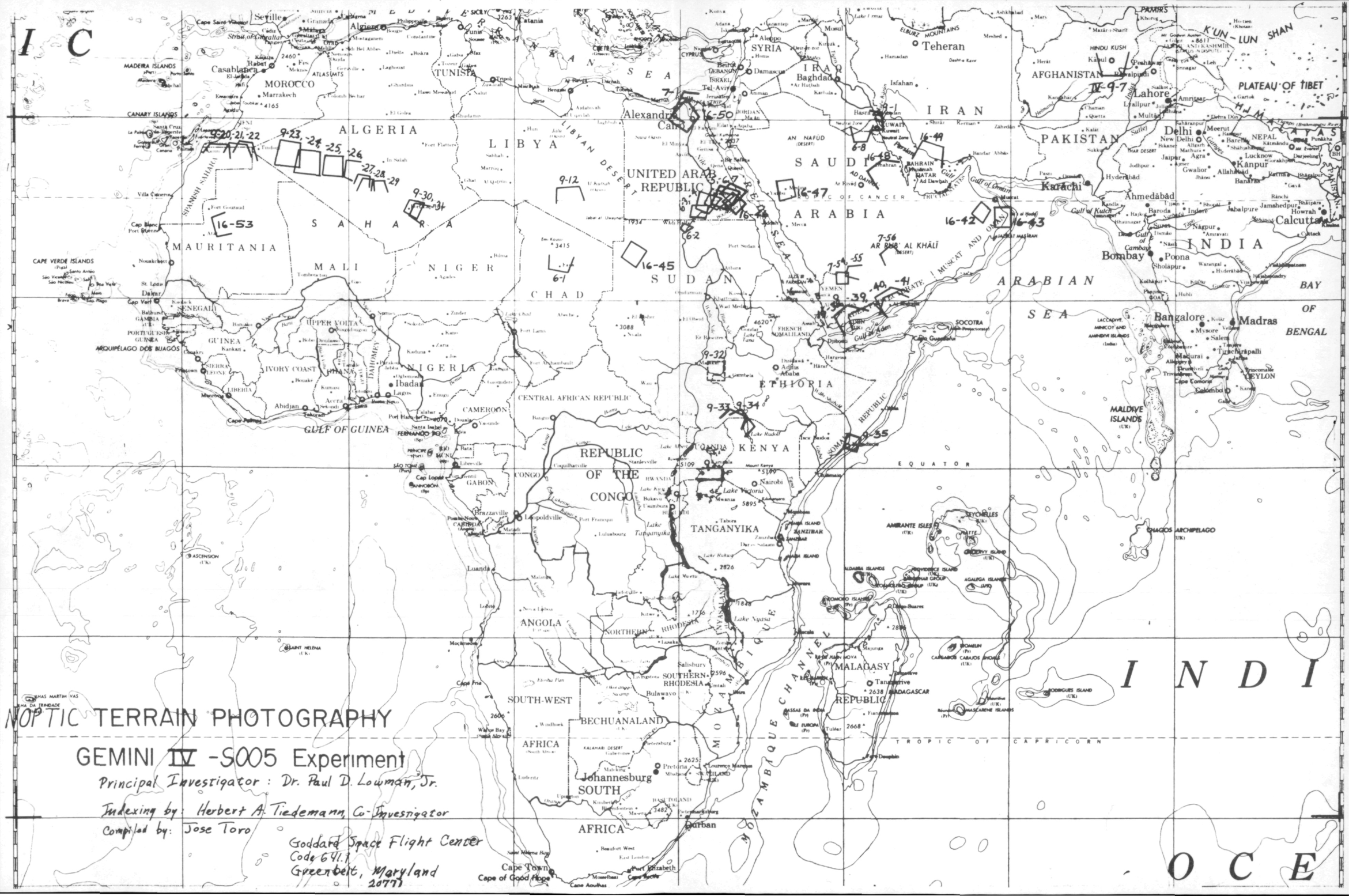
Kepulauan Kai
Kepulauan Taneb


I C
NOPTIC TERRAIN PHOTOGRAPHY
GEMINI IV -S005 Experiment
Principal Investigator : Dr. Paul D. Lowman, Jr.
Indexing by: Herbert A. Tiedemann, Co-Investigator
Compiled by: Jose Toro
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SOMALI REPUBLIC
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AR RUB' AL KHALI (DESERT)
AN NAFUD (DESERT)
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LIBYAN DESERT
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GULF OF OMAN
PERSIAN GULF
TROPIC OF CANCER
TROPIC OF CAPRICORN
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Lake Tanganyika
Lake Nyasa
Lake Rudolf
Lake Chad
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Trichinopoly
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Ceylon
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Seychelles
Amirante Isles
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Comoro Islands
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Reunion
Rodrigues Island
Tananarive
Madagascar
Zanzibar
Pemba Island
Mozambique Channel
Cape Verde Islands
Canary Islands
Madeira Islands
Azores
Ascension
Saint Helena
Tristan da Cunha
Fernando Po
Sao Tome
Principe
Portuguese Guinea
Arquipelago dos Bijagos
Socotra
Gulf of Guinea
Cape Verde
Cape Blanco
Cape Bojador
Cape Spartel
Strait of Gibraltar
Atlas Mts
Hindu Kush
Himalayas
Plateau of Tibet
K'un-lun Shan
Elburz Mountains
Pamirs
Nepal
Kashmir
Ceylon
Persian Gulf
Gulf of Oman
Gulf of Aden
Gulf of Kutch
Gulf of Cambay
Red Sea
Libyan Desert
Sahara
Spanish Sahara
Arabian Sea
Bay of Bengal
9-20, 21, 22
9-23, 24, 25, 26
9-27, 28, 29
9-30, 31
9-12
16-53
16-45
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16-48
16-49
16-42
16-43
7-56
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9-32
9-33, 34
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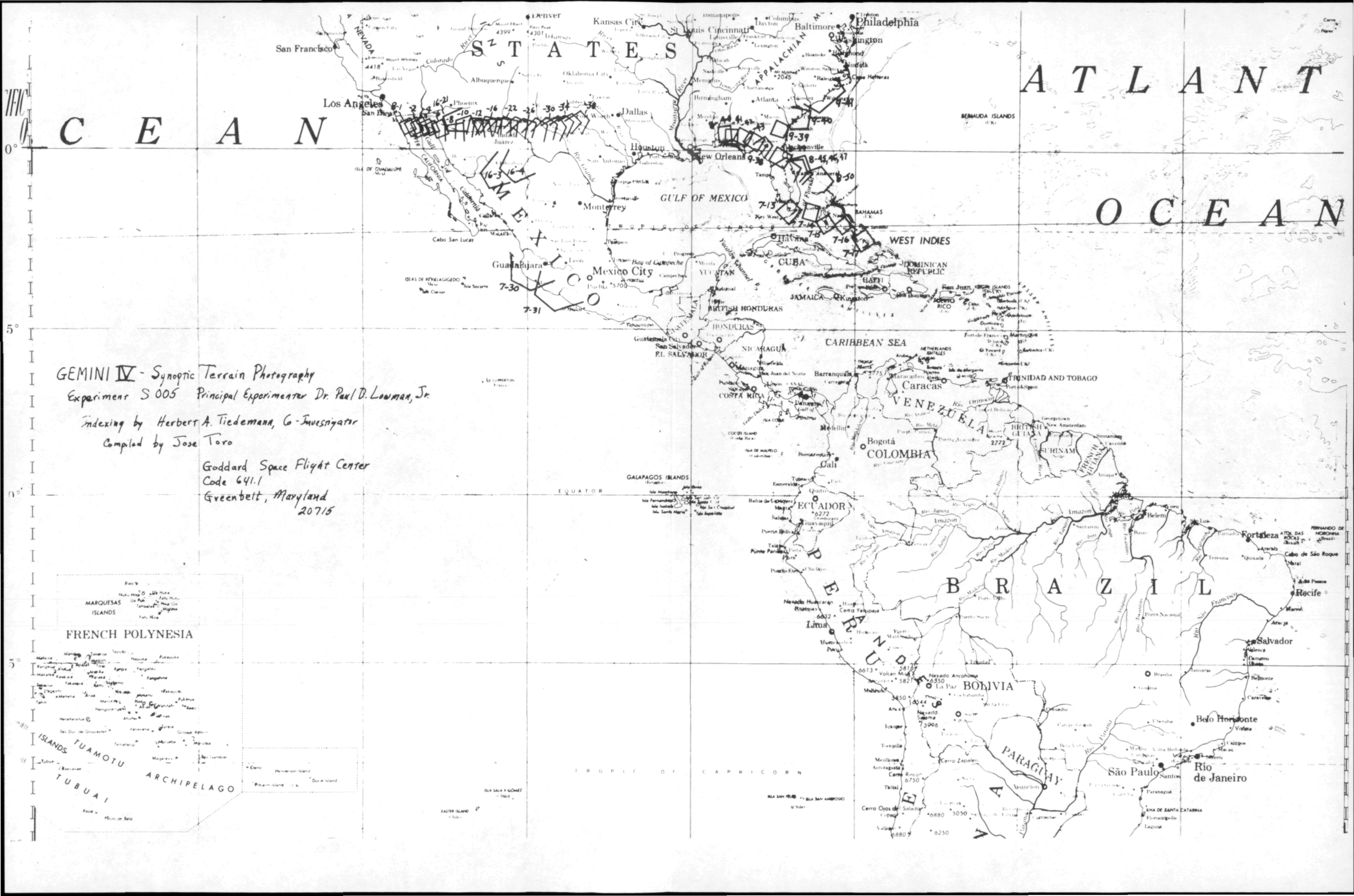
GEMINI IV - Synoptic Terrain Photography
Experiment S 005 Principal Experimenter Dr. Paul D. Lowman, Jr.
Indexing by Herbert A. Tiedemann, Co-Investigator
Compiled by Jose Toro
Goddard Space Flight Center
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20715
PACIFIC OCEAN
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Volcan Misti
Arequipa
Cuzco
Iquitos
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Rio Paraguay
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Rio Tapajos
Rio Xingu
Rio Tocantins
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Rio Orinoco
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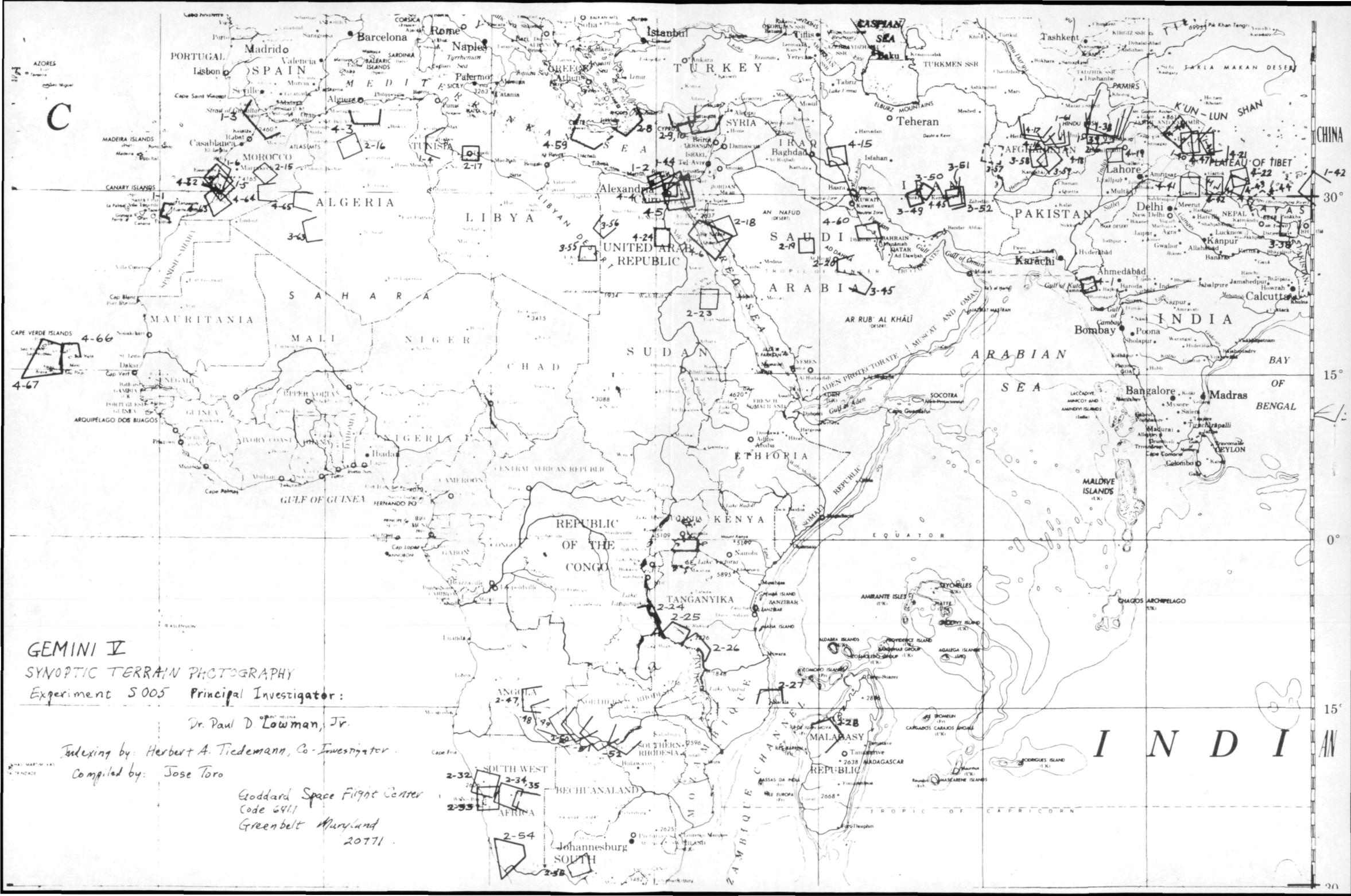
C
GEMINI V
SYNOPTIC TERRAIN PHOTOGRAPHY
Experiment S005 Principal Investigator:
Dr. Paul D. Lowman, Jr.
Indexing by: Herbert A. Tiedemann, Co-Investigator
Compiled by: Jose Toro
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Colombo
Ceylon
Maldive Islands
Seychelles
Chagos Archipelago
Rodrigues Island
Mauritius
Reunion
Madagascar
Socotra
Aden
Muscat and Oman
Trucial Oman
Bahrain
Qatar
Kuwait
Gulf of Oman
Gulf of Aden
Persian Gulf
Red Sea
Suez Canal
Mozambique Channel
Cape Verde Islands
Canary Islands
Madeira Islands
Azores
Balearic Islands
Sardinia
Corsica
Sicily
Cyprus
Lebanon
Israel
Jordan
Libyan Desert
Arabian Desert
Sahara
Elburz Mountains
Pamirs
Hindu Kush
K'un-lun Shan
Himalayas
Plateau of Tibet
Nepal
Afghanistan
Turkmen SSR
Kirgiz SSR
Tajik SSR
Takla Makan Desert
Aden Protectorate
French Somaliland
Portuguese Guinea
Gambia
Senegal
Guinea
Ivory Coast
Liberia
Cameroon
Central African Republic
Gabon
Congo
Angola
Fernando Po
Ascension
Cape Verde Islands
Arquipelago dos Bijagos
Cape Palmas
Cape Lopez
Cape Guardafui
Cape Comorin
Cape Saint Vincent
Strait of Gibraltar
Suez
Aswan
Nile
Euphrates
Tigris
Indus
Ganges
Brahmaputra
Yangtze
Yellow River
Mekong
Irrawaddy
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Zambezi
Limpopo
Orange River
Niger
Volta
Senegal River
Lake Chad
Lake Victoria
Lake Tanganyika
Lake Nyasa
Lake Rudolf
Lake Albert
Lake Kariba
Lake Eyre
Lake Torrens
Lake Gairdner
Lake Amadeus
Lake Mackay
Lake Nash
Lake Frome
Lake Callabonna
Lake Blanche
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Lake Macdonnell
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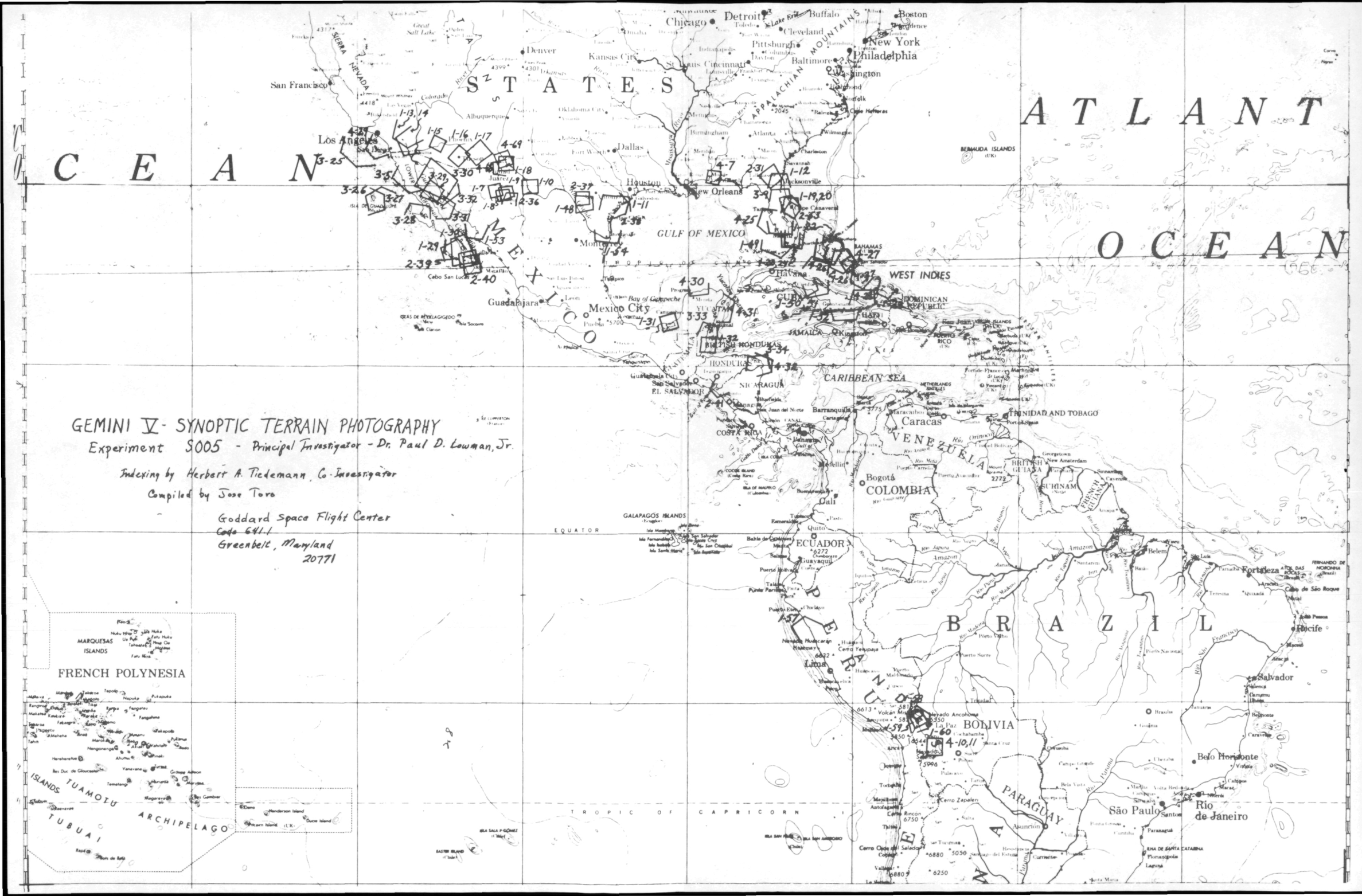
GEMINI V - SYNOPTIC TERRAIN PHOTOGRAPHY
Experiment S005 - Principal Investigator - Dr. Paul D. Lowman, Jr.
Indexing by Herbert A. Tiedemann, Co-Investigator
Compiled by Jose Toro
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Nicaragua
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El Salvador
Guatemala
Costa Rica
Panama
Galapagos Islands
Suriname
British Guiana
French Guiana
Tahiti
Easter Island
Sierra Nevada
Rocky Mountains
Appalachian Mountains
Great Salt Lake
Yucatan
Bay of Campeche
Gulf of Mexico
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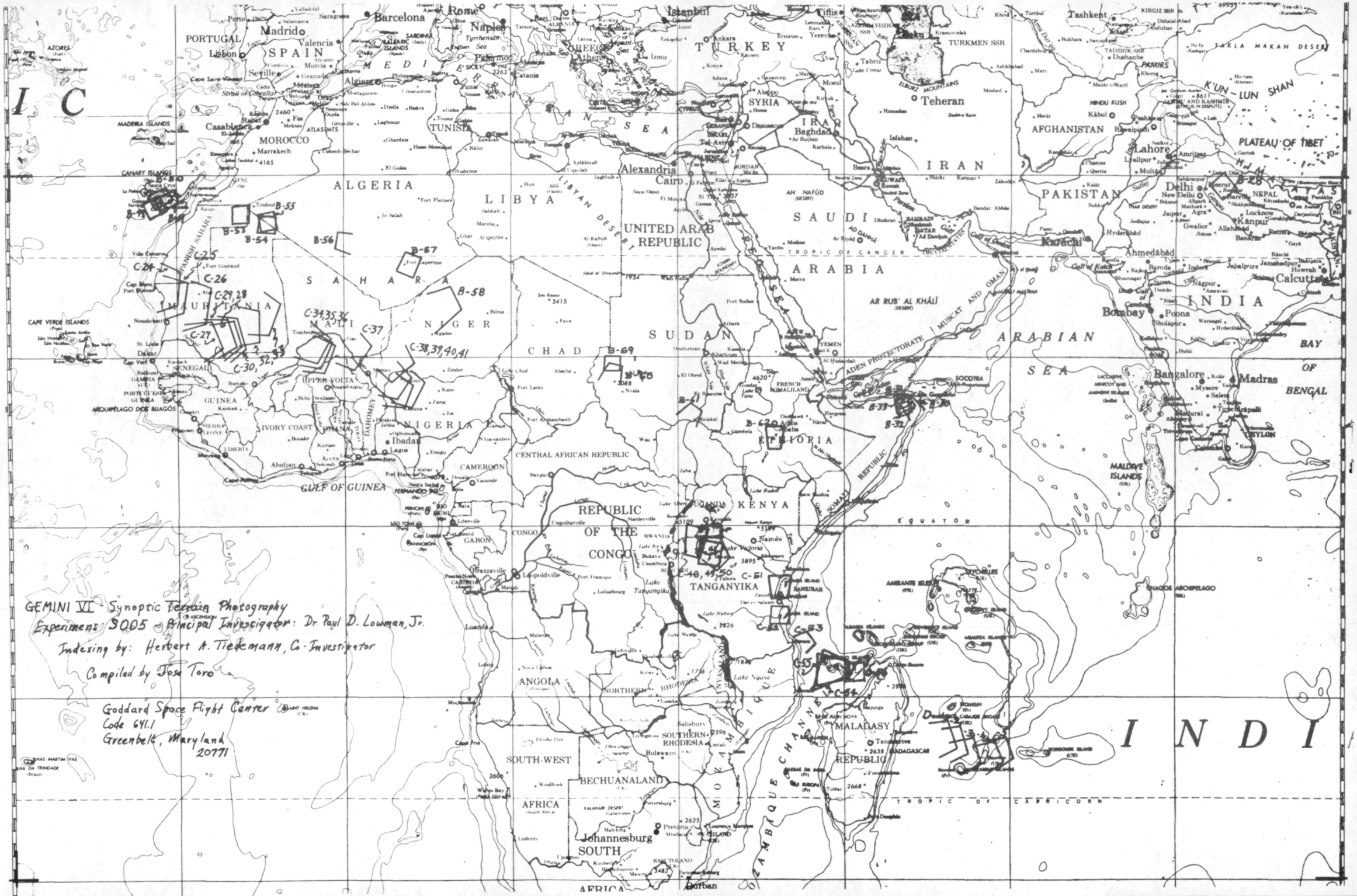
GEMINI VI - Synoptic Terrain Photography
Experiment S005 - Principal Investigator: Dr. Paul D. Lowman, Jr.
Indexing by: Herbert A. Tiedemann, Co-Investigator
Compiled by Jose Toro
Goddard Space Flight Center
Code 641.1
Greenbelt, Maryland
20771
PORTUGAL
SPAIN
MOROCCO
ALGERIA
TUNISIA
LIBYA
EGYPT
TURKEY
GREECE
SYRIA
IRAN
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SAUDI ARABIA
UNITED ARAB REPUBLIC
SAHARA
MAURITANIA
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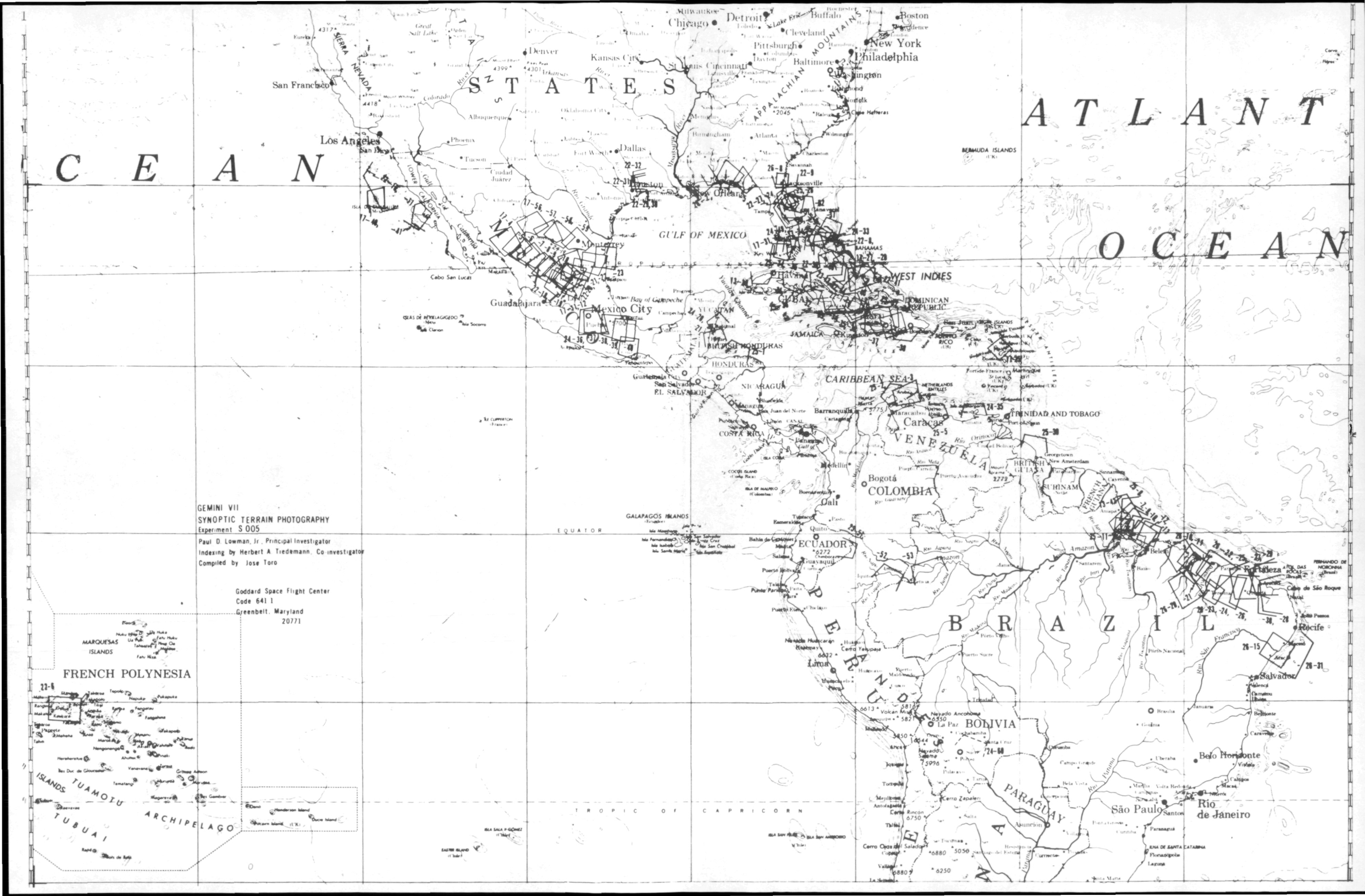
SUDAN
SENEGAL
GUINEA
IVORY COAST
GHANA
NIGERIA
CAMEROON
CENTRAL AFRICAN REPUBLIC
ETHIOPIA
SOMALI REPUBLIC
KENYA
UGANDA
REPUBLIC OF THE CONGO
TANGANYIKA
ANGOLA
SOUTH-WEST AFRICA
BECHUANALAND
SOUTHERN RHODESIA
NORTHERN RHODESIA
NYASALAND
MOZAMBIQUE
MALAGASY REPUBLIC
AFGHANISTAN
PAKISTAN
INDIA
NEPAL
TURKMEN SSR
KIRGIZ SSR
TAKLA MAKAN DESERT
K'UN-LUN SHAN
PLATEAU OF TIBET
HINDU KUSH
PAMIRS
ELBURZ MOUNTAINS
ARABIAN SEA
BAY OF BENGAL
MEDITERRANEAN SEA
RED SEA
PERSIAN GULF
GULF OF GUINEA
GULF OF ADEN
ARABIAN DESERT
LIBYAN DESERT
SPANISH SAHARA
TROPIC OF CANCER
TROPIC OF CAPRICORN
EQUATOR
Barcelona
Rome
Naples
Istanbul
Tiflis
Tashkent
Madrid
Valencia
Lisbon
Seville
Palermo
Ankara
Izmir
Aleppo
Damascus
Tel-Aviv
Jerusalem
Amman
Baghdad
Basra
Teheran
Isfahan
Mashad
Herat
Kabul
Peshawar
Rawalpindi
Lahore
Amritsar
Multan
Quetta
Karachi
Hyderabad
Jodhpur
Jaipur
Delhi
New Delhi
Agra
Lucknow
Kanpur
Allahabad
Varanasi
Patna
Ahmedabad
Baroda
Indore
Bhopal
Jabalpur
Jamshedpur
Howrah
Calcutta
Nagpur
Bombay
Poona
Bangalore
Mysore
Madras
Madurai
Tiruchirapalli
CEYLON
MALDIVE ISLANDS
CHAGOS ARCHIPELAGO
SEYCHELLES
Alexandria
Cairo
Aswan
Luxor
Port Sudan
Khartoum
Asmara
Addis Ababa
Mogadiscio
Nairobi
Kampala
Lake Victoria
Lake Tanganyika
Lake Nyasa
Lake Rudolf
Lake Chad
Leopoldville
Brazzaville
Luanda
Lobito
Salisbury
Bulawayo
Johannesburg
Pretoria
Durban
Port Elizabeth
Cape Town
Dakar
Abidjan
Accra
Lagos
Ibadan
Kano
Timbuktu
Bamako
Conakry
Freetown
Monrovia
Tripoli
Benghazi
Algiers
Oran
Tunis
Casablanca
Rabat
Fez
Marrakech
Tangier
Gibraltar
Malta
Cyprus
Beirut
Damascus
Jerusalem
Amman
Kuwait
Bahrain
Qatar
Abu Dhabi
Muscat and Oman
Aden Protectorate
French Somaliland
Socotra
Comoro Islands
Madagascar
Mauritius
Reunion
Azores
Canary Islands
Madeira Islands
Cape Verde Islands
Fernando Po
Principe
Sao Tome
Ascension
St. Helena
Tristan da Cunha
Trinidad
Martin Vas


GEMINI VII
SYNOPTIC TERRAIN PHOTOGRAPHY
Experiment S 005
Paul D. Lowman, Jr., Principal Investigator
Indexing by Herbert A. Tiedemann, Co-investigator
Compiled by Jose Toro
Goddard Space Flight Center
Code 641.1
Greenbelt, Maryland
20771
ATLANTIC OCEAN
PACIFIC OCEAN
UNITED STATES
GULF OF MEXICO
CARIBBEAN SEA
WEST INDIES
MEXICO
BRAZIL
PERU
BOLIVIA
PARAGUAY
CHILE
ARGENTINA
VENEZUELA
COLOMBIA
ECUADOR
CUBA
JAMAICA
HAITI
DOMINICAN REPUBLIC
PUERTO RICO
BAHAMAS
BERMUDA ISLANDS
TRINIDAD AND TOBAGO
BRITISH GUIANA
SURINAM
FRENCH GUIANA
BRITISH HONDURAS
HONDURAS
NICARAGUA
COSTA RICA
EL SALVADOR
GUATEMALA
FRENCH POLYNESIA
MARQUESAS ISLANDS
TUAMOTU ARCHIPELAGO
TUBUAI ISLANDS
GALAPAGOS ISLANDS
EASTER ISLAND
EQUATOR
TROPIC OF CAPRICORN
SIERRA NEVADA
APPALACHIAN MOUNTAINS
Mississippi River
Rio Grande
Colorado River
Great Salt Lake
Lake Erie
Lake Michigan
Lake Superior
Lake Ontario
Lake Huron
Lake Okeechobee
Lake Maracaibo
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Lake Disappointment
Lake Macdonald
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Lake Woods
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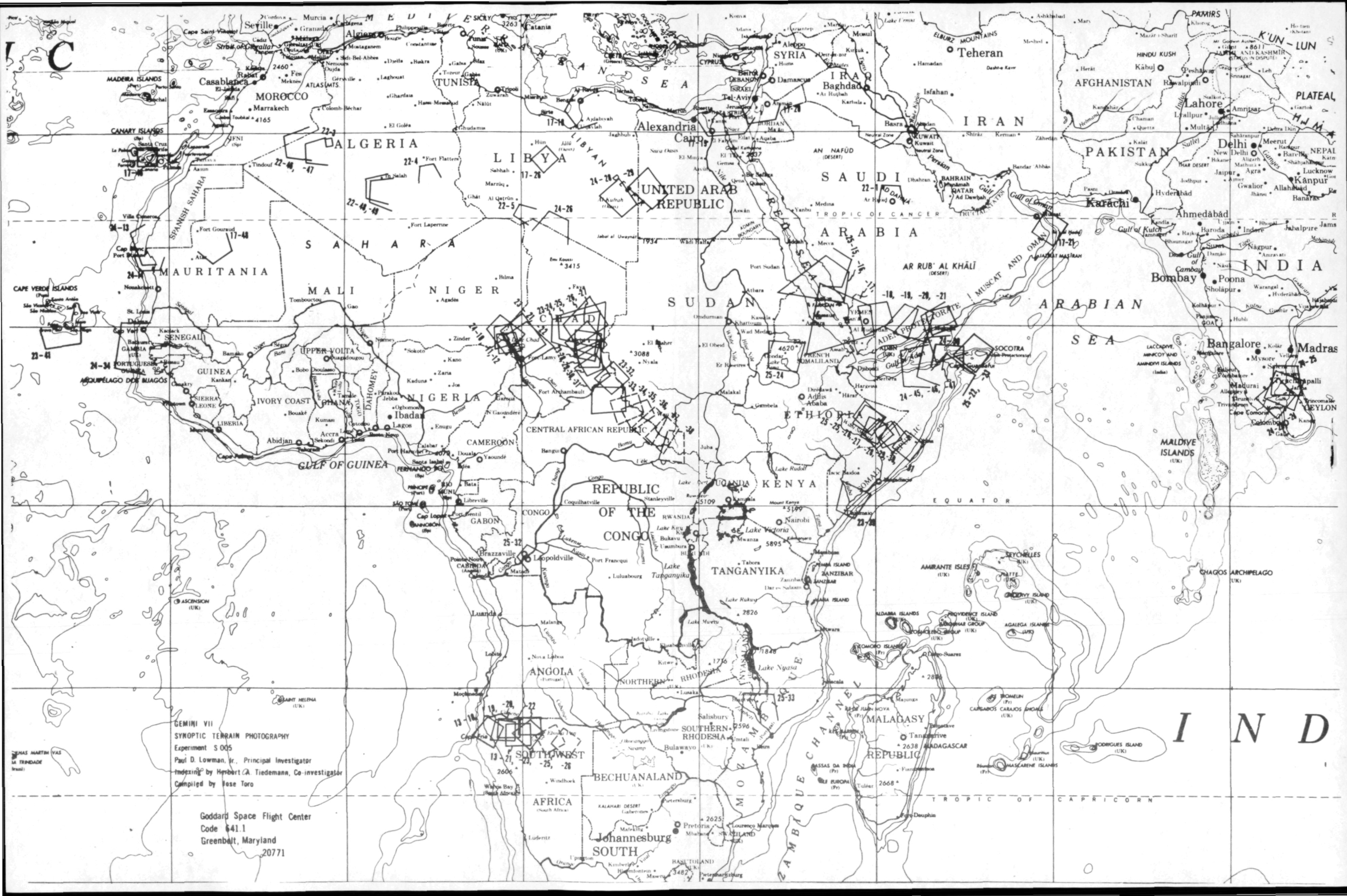
GEMINI VII
SYNOPTIC TERRAIN PHOTOGRAPHY
Experiment S 005
Paul D. Lowman, Jr., Principal Investigator
Indexing by Herbert A. Tiedemann, Co-investigator
Compiled by Rose Toro
Goddard Space Flight Center
Code 641.1
Greenbelt, Maryland
20771
MEDITERRANEAN SEA
ARABIAN SEA
RED SEA
PERSIAN GULF
GULF OF GUINEA
MOZAMBIQUE CHANNEL
ZAMBEZI
TROPIC OF CANCER
TROPIC OF CAPRICORN
EQUATOR
SAHARA
SPANISH SAHARA
MOROCCO
ALGERIA
TUNISIA
LIBYA
EGYPT
MAURITANIA
MALI
NIGER
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SUDAN
SENEGAL
GAMBIA
PORTUGUESE GUINEA
GUINEA
SIERRA LEONE
LIBERIA
IVORY COAST
UPPER VOLTA
GHANA
DAHOMEY
NIGERIA
CAMEROON
CENTRAL AFRICAN REPUBLIC
REPUBLIC OF THE CONGO
GABON
ANGOLA
SOUTHWEST AFRICA
BECHUANALAND
SOUTHERN RHODESIA
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ETHIOPIA
FRENCH SOMALILAND
SOMALI
SOUTH AFRICA
UNITED ARAB REPUBLIC
SAUDI ARABIA
AR RUB' AL KHALI (DESERT)
AN NAFUD (DESERT)
JORDAN
LEBANON
SYRIA
IRAQ
IRAN
KUWAIT
BAHRAIN
QATAR
MUSCAT AND OMAN
TRUCIAL OMAN
AFGHANISTAN
PAKISTAN
INDIA
NEPAL
MALAGASY REPUBLIC
MADAGASCAR
MALDIVE ISLANDS
CEYLON
SEYCHELLES
CHAGOS ARCHIPELAGO
MADEIRA ISLANDS
CANARY ISLANDS
CAPE VERDE ISLANDS
ASCENSION
SAINT HELENA
Seville
Gibraltar
Casablanca
Rabat
Algiers
Tunis
Tripoli
Alexandria
Cairo
Damascus
Beirut
Baghdad
Basra
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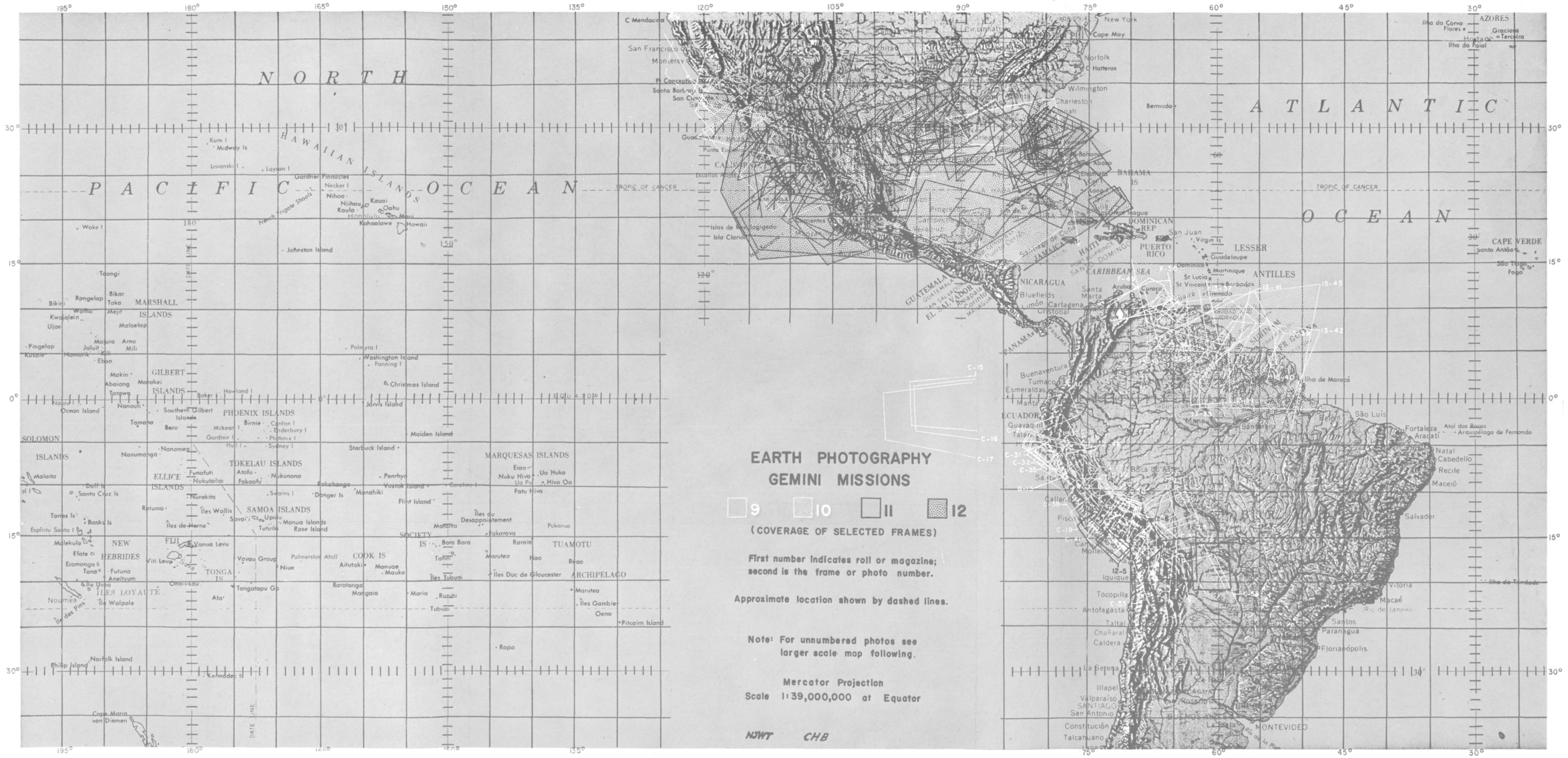
Delhi
Bombay
Bangalore
Madras
Colombo
Nairobi
Kampala
Addis Ababa
Khartoum
Port Sudan
Aden
Mecca
Medina
Leopoldville
Brazzaville
Luanda
Lobito
Salisbury
Bulawayo
Johannesburg
Pretoria
Lourenco Marques
Beira
Dar es Salaam
Zanzibar
Mombasa
Tananarive
Diego-Suarez
Port Louis
Lake Victoria
Lake Tanganyika
Lake Nyasa
Lake Rudolf
Lake Chad
Kariba Dam
Victoria Falls
Kimberley
Port Elizabeth
Durban
Cape Town


EARTH PHOTOGRAPHY
GEMINI MISSIONS
9
10
11
12
(COVERAGE OF SELECTED FRAMES)
First number indicates roll or magazine; second is the frame or photo number.
Approximate location shown by dashed lines.
Note: For unnumbered photos see larger scale map following.
Mercator Projection
Scale 1:39,000,000 at Equator
NJWT CHB
NORTH PACIFIC OCEAN
ATLANTIC OCEAN
HAWAIIAN ISLANDS
MARSHALL ISLANDS
GILBERT ISLANDS
PHOENIX ISLANDS
TOKELAU ISLANDS
SAMOA ISLANDS
SOCIETY IS.
TUAMOTU ARCHIPELAGO
MARQUESAS ISLANDS
COOK IS
TONGA IS
FIJI
NEW HEBRIDES
SOLOMON ISLANDS
ELLICE ISLANDS
CARIBBEAN SEA
LESSER ANTILLES
AZORES
CAPE VERDE
TROPIC OF CANCER
EQUATOR
DATE LINE
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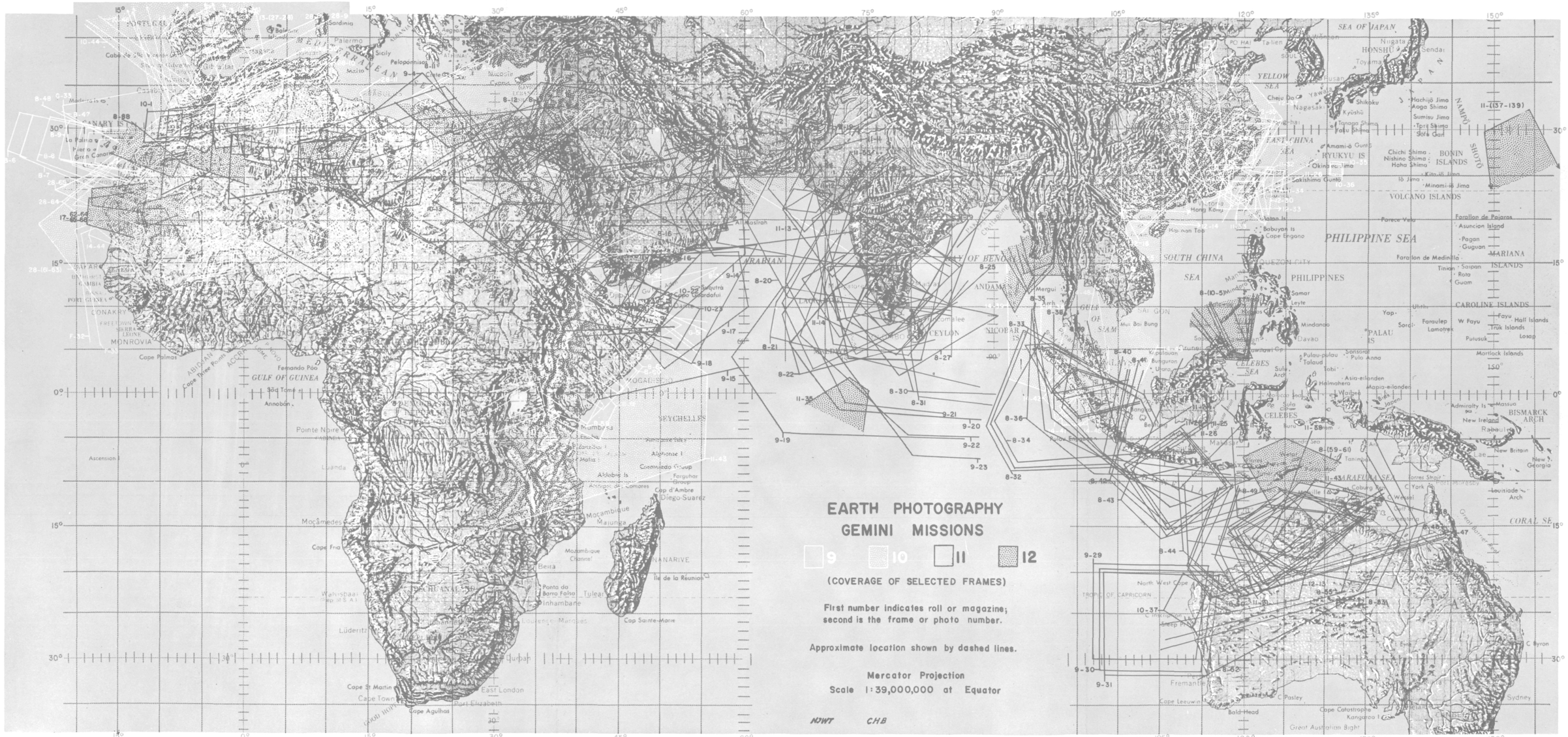
EARTH PHOTOGRAPHY
GEMINI MISSIONS
9
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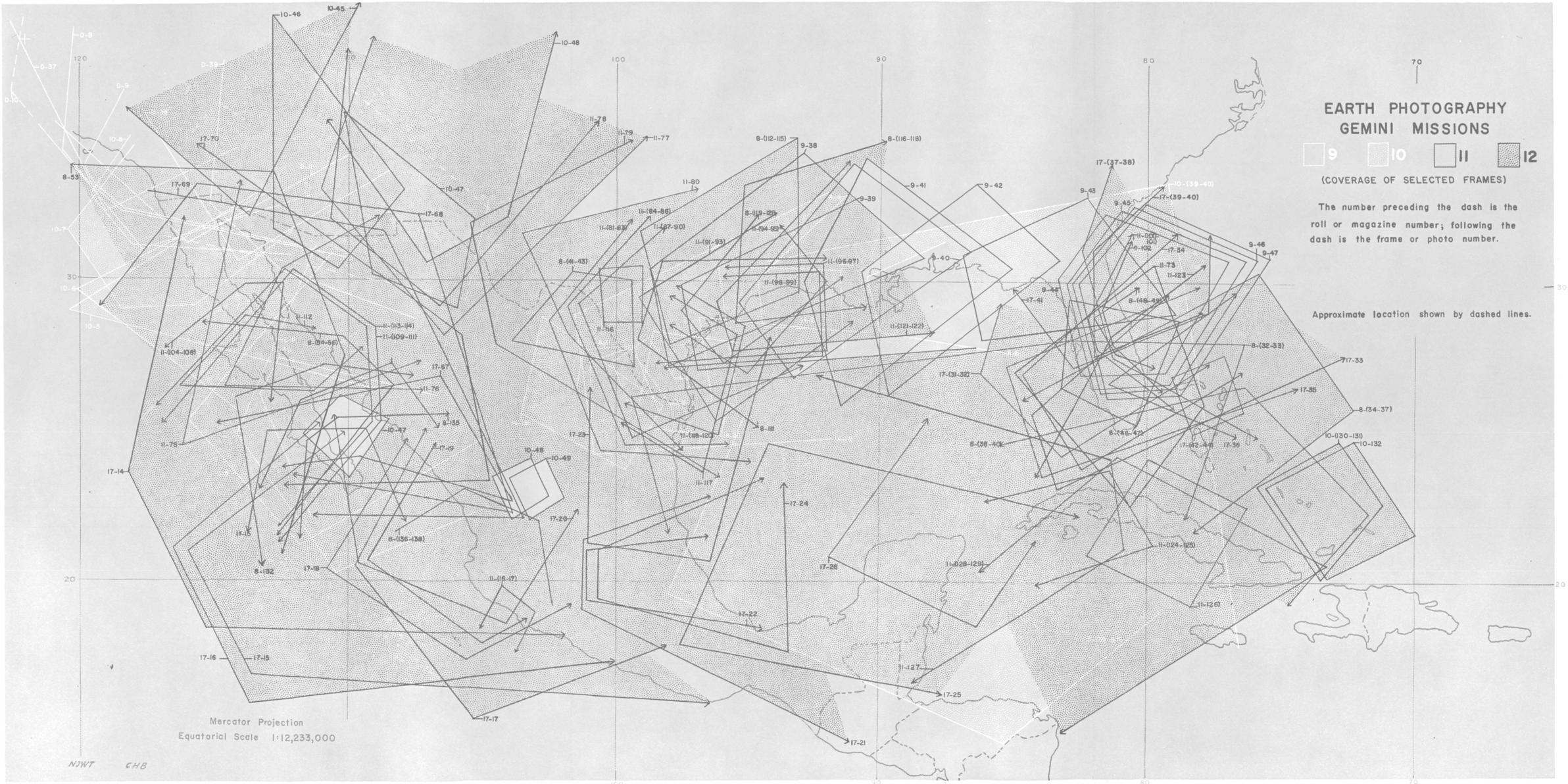
12
(COVERAGE OF SELECTED FRAMES)
First number indicates roll or magazine;
second is the frame or photo number.
Approximate location shown by dashed lines.
Mercator Projection
Scale 1:39,000,000 at Equator
NJWT
C.H.B


EARTH PHOTOGRAPHY
GEMINI MISSIONS
9
10
11
12
(COVERAGE OF SELECTED FRAMES)
The number preceding the dash is the roll or magazine number; following the dash is the frame or photo number.
Approximate location shown by dashed lines.
Mercator Projection
Equatorial Scale 1:12,233,000
NJWT
CHB